



Enduring Resources

475 17th Street Suite 1500 Denver Colorado 80202
Telephone 303 573-1222 Fax 303 573 0461

August 2, 2005

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attn.: Ms. Diana Whitney

RE: Southam Canyon #10-25-11-6
NWNW Sec. 6 T10S-R25E
Uintah County, Utah

Dear Ms. Whitney:

Enclosed are two original applications to drill concerning the referenced proposed well.

Enduring Resources, LLC is requesting the Utah Division of Oil, Gas and Mining to hold this application and all future information as confidential.

If any questions arise or additional information is required, please contact me at 303-350-5114.

Sincerely,

Phyllis Sobotik
Regulatory Specialist

/ps

Enclosures:

xc: American Gilsonite Co.
29950 S. Bonanza Hwy.
Bonanza, Utah 84008
Attn.: Mr. Jared Jackson

RECEIVED

AUG 03 2005

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING



CONFIDENTIAL

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: Fee	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: Enduring Resources, LLC				9. WELL NAME and NUMBER: Southam Canyon 10-25-11-6	
3. ADDRESS OF OPERATOR: 475 17th St, Suite 1500 CITY Denver STATE CO ZIP 80202			PHONE NUMBER: (303) 350-5114	10. FIELD AND POOL, OR WMLDCAT: <i>Undetermined</i>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 552' FNL 470' FWL Sec 6 T10S R25E S.L.B.&M. AT PROPOSED PRODUCING ZONE: Same as above				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 6 10S 25E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 43.5 miles Southeasterly from Vernal, Utah				12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 470'		16. NUMBER OF ACRES IN LEASE: 2403.9		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1631'		19. PROPOSED DEPTH: 6,253		20. BOND DESCRIPTION: RLB0008031	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5358.1' GR Ungraded		22. APPROXIMATE DATE WORK WILL START: 10/1/2005		23. ESTIMATED DURATION: 20 days	

24. PROPOSED CASING AND CEMENTING PROGRAM							
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12-1/4"	8-5/8"	J-55	24#	2,000	65/35 Poz	462 sx	1.81 12.6 ppg
					Prem	236 sx	1.18 15.6 ppg
7-7/8"	4-1/2"	N-80/I-80	11.6#	6,253	Prem Lite II	281 sx	3.38 11.0 ppg
					50/50 Poz CI G	1029 sx	1.31 14.3 ppg

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) <u>Phyllis Sobotik</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE <u><i>Phyllis Sobotik</i></u>	DATE <u>Aug 2 2005</u>

(This space for State use only)

API NUMBER ASSIGNED: 43-047-36933

(11/2001)

Approved by the
Utah Division of
Oil, Gas and Mining

APPROVAL: *[Signature]*

Date: 09-13-05

By: *[Signature]*

RECEIVED

AUG 03 2005

DIV. OF OIL, GAS & MINING

S. L. B. & M.

ENDURING RESOURCES

WELL LOCATION, SOUTHAM CANYON
10-25-11-6, LOCATED AS SHOWN IN
THE SE 1/4 SE 1/4 OF SECTION 36,
T9S, R24E, S.L.B.&M. UINTAH
COUNTY, UTAH.

Sec. 36

Found 1977 Brass
Cap Witness Corner,
Pile of Stones.

W.C. N0°02'E
0.70 (G.L.O.)

SE 1/4

Bottom
of Hole

660'

660'

T9S

Found 1975
Brass Cap, Pile
of Stones.

T10S

N89°58'25"W - 2632.52' (Meas.)
S89°59'W - 39.89 (G.L.O.)

Found 1975
Brass Cap, Pile
of Stones.

N01°0'E - 39.55 (G.L.O.)
2610.11' (Measured)
N00°12'25"E - (Basis of Bearings)

19.93

19.62

476'

Well Surface
Position

Lot 4

Lot 3

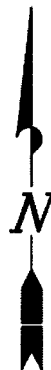
NW 1/4

WELL LOCATION:
SOUTHAM CANYON 9-24-44-36
ELEV. UNGRADED GROUND = 5358.5'

Found 1975 Cadastral
Brass Cap, pile of
stones

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Bottom of hole bears N44°00'55"W 1631.35' from the surface position.
4. Basis of Elevations is Triangulation Station JEK 9 ET (1966) Located in the NW 1/4 Of Section 32, T9S, R25E, S.L.B.&M. The Elevation of this Bench Mark is shown on the Southam Canyon 7.5 Min. Quadrangle as being 5729'.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH
KOLBY R. KAY

▲ = SECTION CORNERS LOCATED

SOUTHAM CANYON 10-25-11-6
(Bottom Hole) NAD 83 Autonomous
LATITUDE = 39° 59' 12.88"
LONGITUDE = 109° 09' 20.14"

SOUTHAM CANYON 10-25-11-6
(Surface Position) NAD 83 Autonomous
LATITUDE = 39° 59' 01.30"
LONGITUDE = 109° 09' 05.58"

Sec. 6

Found 1975 Cadastral
Brass Cap, pile of
stones

TIMBERLINE LAND SURVEYING, INC.
38 WEST 100 NORTH. - VERNAL, UTAH 84078
(435) 789-1365

DATE DRAWN: 5-25-05	SURVEYED BY: K.R.K.	SHEET 2b OF 11
DATE SURVEYED: 5-20-05	DRAWN BY: J.R.S.	
SCALE: 1" = 1000'	Date Last Revised:	

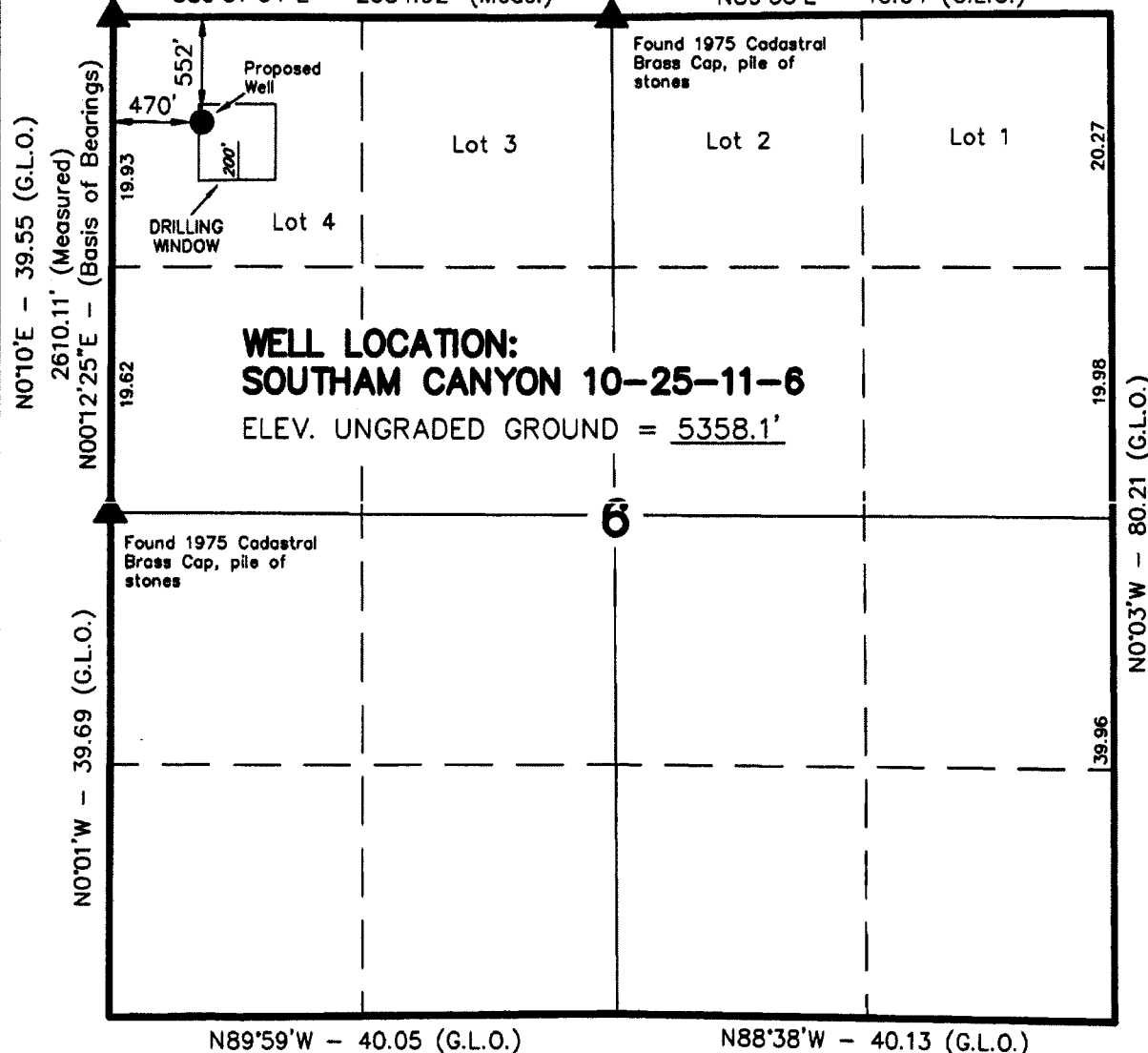
T10S, R25E, S.L.B.&M.

Found 1975
Brass Cap, Pile
of Stones.

EAST - 39.93 (G.L.O.)

S89°57'04"E - 2634.92' (Meas.)

N89°55'E - 40.04 (G.L.O.)



▲ = SECTION CORNERS LOCATED

SOUTHAM CANYON 10-25-11-6
(Bottom Hole) NAD 83 Autonomous
VERTICAL

SOUTHAM CANYON 10-25-11-6
(Surface Position) NAD 83 Autonomous
LATITUDE = 39° 59' 00.91"
LONGITUDE = 109° 09' 05.65"

ENDURING RESOURCES

WELL LOCATION, SOUTHAM CANYON
10-25-11-6, LOCATED AS SHOWN IN
LOT 4 OF SECTION 6, T10S, R25E,
S.L.B.&M. UTAH COUNTY, UTAH.

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. Basis of Elevations is Triangulation Station JEK 9 ET (1966) Located in the NW 1/4 Of Section 32, T9S, R25E, S.L.B.&M. The Elevation of this Bench Mark is shown on the Southam Canyon 7.5 Min. Quadrangle as being 5729'.

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MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

Kolby R. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH

TIMBERLINE LAND SURVEYING, INC.

38 WEST 100 NORTH. - VERNAL, UTAH 84078
(435) 789-1365

DATE SURVEYED: 5-20-05	SURVEYED BY: K.R.K.	SHEET 2a OF 11
DATE DRAWN: 5-25-05	DRAWN BY: J.R.S.	
SCALE: 1" = 1000'	Date Last Revised:	

**Enduring Resources, LLC
Southam Canyon #10-25-11-6
NWNW Sec. 6 T10S-R25E
Uintah County, Utah
Lease # Fee**

Directions to Proposed Location

Directions to the proposed location are as follows:

From the intersection of US Hwy 40 and 500 East Street in Vernal, Utah, proceed in an easterly then southerly direction along US Hwy 40 for approximately 3.3 miles to the junction of State Hwy 45. Exit right and proceed in a southerly direction along State Hwy 45 for approximately 35.8 miles to the junction of Class B County Road 3460 (Stanton Road). (This road is located approximately 0.3 miles south of Bonanza). Exit left and proceed in an easterly direction along Class B County Road 3460 for approximately 1.4 miles to the junction of a Class D County Road. Exit right and proceed in a southeasterly direction along the Class D County Road for approximately 0.4 miles to the junction of a Class D County Road. Exit right and proceed in a southwesterly direction along the Class D County Road for approximately 0.9 miles to the junction of an oil field road running westerly. Continue southerly along the Class D County Road for approximately 1.1 miles to the proposed access road. Follow the road flags in a southwesterly then northerly direction approximately 2,910 feet (0.55 miles) to the proposed location. This location shall be the well pad for the proposed Southam Canyon #10-25-11-6 and the proposed Southam Canyon # 9-24-44-36 wells.

The proposed well site is located approximately 43.5 miles Southeasterly from Vernal, Utah.

**Enduring Resources, LLC
Southam Canyon #10-25-11-6
NWNW Sec. 6 T10S-R25E
Uintah County, Utah
Lease # Fee**

ONSHORE ORDER 1 - DRILLING PLAN

1. Estimated Tops of Geological Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	503'
Wasatch	2471'
Mesaverde	4183'

2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals: (5357.5' estimated KB)

Substance	Formation	Depth
	Uinta	Surface
Oil / Gas	Green River	503'
Oil / Gas	Wasatch	2471'
Oil / Gas	Mesaverde	4183'
	Estimated TD	6253'

A 12-1/4" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

3. Pressure Control Equipment: (3000 psi schematic attached)

A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer with 3,000 psi Casinghead and 3,000 psi Tubinghead equipped per the attached diagrams for 3,000 psi. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, Stroke Counter and flow sensor will be installed to check for flow and monitor pit volume.

B. Pressure Rating: 3,000 psi BOPE

C. Kelly will be equipped with upper and lower Kelly valves.

D. Testing Procedure: Annular Preventer:

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

Totco directional surveys will be dropped every 2000 feet. Maximum allowable angle is 5 degrees.

4. Proposed Casing & Cementing Program:**A. Casing Program: All New**

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (md)
20"	16"				40'
12-1/4"	8-5/8"	24#	J-55	ST&C	0 – 2,000' est
7-7/8"	4-1/2"	11.6#	N-80/I-80	LT&C	0 – 6253'

The surface casing will have guide shoe, 1 jt., insert float collar. Centralize the first 3 joints with bowspring centralizers. Thread lock guide shoe.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

B. Casing Design Parameters:

Depth (md)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40	16"			
2000	8-5/8", 24#/ft, J55, STC	1370/1.53(a)	4460/4.98(b)	244/5.08(c)
6253	4-1/2", 11.6#/ft, N-80, LTC	6350/1.97 (d)	7780/2.62 (e)	223/3.58 (f)

(a.) based on full evacuation with 8.6 ppg fluid on annulus

(b.) based on 8.6 ppg gradient with no fluid on annulus

(c.) based on casing string weight in 8.6 ppg mud

- (d.) based on full evacuation with 10.0 ppg fluid on annulus, pipe evacuated
 (e.) based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, no gas gradient.
 (f.) based on casing string weight in 9.2 ppg mud

PROPOSED CEMENTING PROGRAM

Surface Casing (if well will circulate)-Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	1500	65/35 POZ +6% Gel +10 pps gilsonite + .25 pps Flocele + 3% salt BWOW	462	35%	12.6	1.81
8-5/8"	Tail	500	Premium cmt +2% CaCl +.25 pps flocele	236	35%	15.6	1.18

A cement top job is required if cement fallback is greater than 10' below ground level. Top job cement will be premium cement w/2% CaCl. Volume as required.

Surface Casing (if well will not circulate)-Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	500	Premium cmt + 2% CaCl +.25 pps flocele	280	60	15.6	1.18
8-5/8"	Top job	As req.	Premium cement + 2% CaCl	Req.		15.6	1.18

Production Casing and Liner-Cemented TD to Surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
4-1/2"	Lead	2453	Premium Lite II +3% KCL +0.25 pps celloflake +5 pps gilsonite +10% gel +0.5% extender	281	60	11.0	3.38
4-1/2"	Tail	3800	50/50 POZ Class G +10% salt + 2% gel + 1% R-3	1029	60	14.3	1.31

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to surface. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. Drilling Fluids (mud) Program:

Interval	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' – 2000'		No ctrl		Air/mist
2000'-3000'	8.4-8.6	No ctrl	28-36	Water
3000'-6253'	8.8-10.2	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. Evaluation Program:

Tests: No tests are currently planned.

Coring: No cores are currently planned.

Samples: None

Logging: Dual Induction – SFL /Gamma Ray Caliper: TD to Base Surface Casing
Compensated Neutron/Litho Density Temperature/Gamma Ray: TD to Base Surface Casing
Cement Bond Log / Gamma Ray: PBDT to Top of Cement

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 3252 psi (calculated at 0.52psi/foot of hole) and maximum anticipated surface pressure equals approximately 1876 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

8. Anticipated Starting Dates:

Anticipated Commencement Date- October 1, 2005
Drilling Days- Approximately 10 days
Completion Days - Approximately 10 days
Anticipate location construction within 30 days of permit issue.

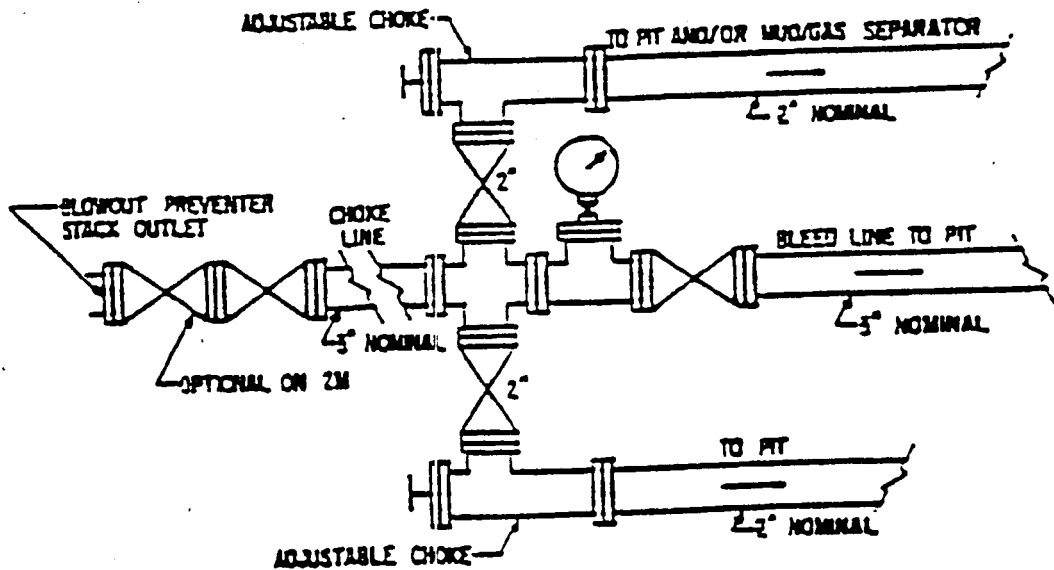
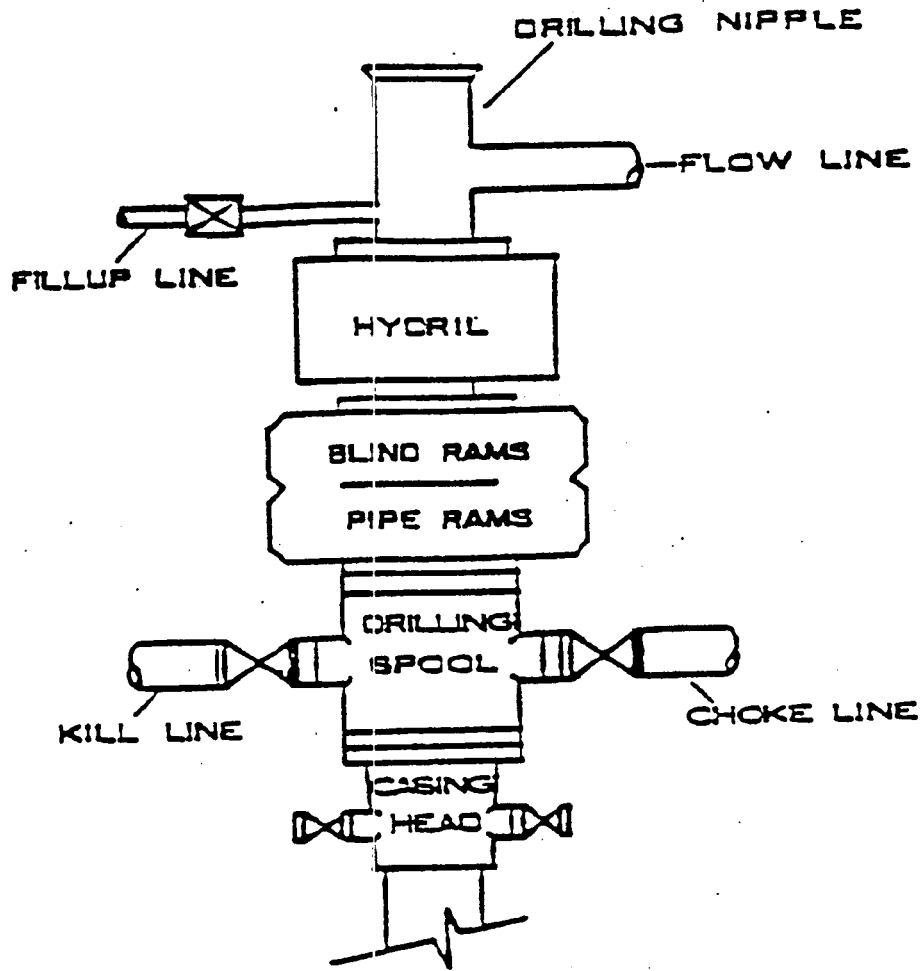
9. Variances:

None anticipated

10. Other:

3,000 PSI

EOP STACK



**Enduring Resources, LLC
Southam Canyon # 10-25-11-6
NWNW Sec. 6 T10S-R25E
Uintah County, Utah
Lease # Fee**

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the proposed location are as follows:

From the intersection of US Hwy 40 and 500 East Street in Vernal, Utah, proceed in an easterly then southerly direction along US Hwy 40 for approximately 3.3 miles to the junction of State Hwy 45. Exit right and proceed in a southerly direction along State Hwy 45 for approximately 35.8 miles to the junction of Class B County Road 3460 (Stanton Road). (This road is located approximately 0.3 miles south of Bonanza). Exit left and proceed in an easterly direction along Class B County Road 3460 for approximately 1.4 miles to the junction of a Class D County Road. Exit right and proceed in a southeasterly direction along the Class D County Road for approximately 0.4 miles to the junction of a Class D County Road. Exit right and proceed in a southwesterly direction along the Class D County Road for approximately 0.9 miles to the junction of an oil field road running westerly. Continue southerly along the Class D County Road for approximately 1.1 miles to the proposed access road. Follow the road flags in a southwesterly then northerly direction approximately 2,910 feet (0.55 miles) to the proposed location. This location shall be the well pad for the proposed Southam Canyon #10-25-11-6 and the proposed Southam Canyon # 9-24-44-36 wells.

The proposed well site is located approximately 43.5 miles Southeasterly from Vernal, Utah. Refer to attached Topographic Map "A" and "B"

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

The proposed access road will be approximately 2,910 feet (0.55 miles) of new construction occurring on fee acreage. Portions of the County Class D Roads may require upgrading. Please refer to Topo Map "B".

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. No fence crossings, culverts, turnouts, cattleguards or major cuts and fills are expected to be required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. **Location of Existing Wells Within a One Mile Radius:** Please refer to Topographic Map "C"

There are no known shut in wells, temporarily abandoned wells, plugged and abandoned wells, water wells, disposal wells or injection wells located within a one (1) mile radius of the proposed location.

There is one known producing well – Bonanza #6-36 SENW Sec 36 T9S-R24E

There is one known monitoring or observation well–WRNUM: 9649002M00 SWSW Sec 6 T10S-R25E

There may be drilling activity or permitted wells within in the area.

4. **Location of Existing &/or Proposed Facilities:**

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope. Refer to Sheet #7.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater.) These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Inter-Agency Committee.

All facilities will be painted within 6 months of installation. The color shall be Carlsbad Canyon (2.5Y 6/2). Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

If the well is capable of economic production, a surface gas gathering line and related equipment shall be installed. The gas gathering line shall be in use year round. Approximately 2,750 feet (0.52 miles) of 6 inch or less diameter steel, unpainted, welded gas gathering line is proposed to be laid on fee acreage to service both the Southam Canyon #10-25-11-6 and the Southam Canyon #9-24-44-36 wells. The proposed line shall begin at the well site, be laid alongside the proposed access road going in a southerly direction turning north then northeasterly to tie into an existing pipeline located in the northwest portion of Sec 6 T10S-R25E. The proposed gathering line will be placed above ground adjacent to the proposed access route. The line will be welded together and pulled from the well site location and tie-in point when practical; however, it may be necessary to utilize the access road for welding of the line. The line will then be boomed off to the side of the road. The gas meter run will be located within 500' of the wellhead. The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter. Please refer to the attached Topographic Map "D".

Upon plugging and abandonment, of both the Southam Canyon #10-25-11-6 and the Southam Canyon #9-24-44-36 wells, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations. The appropriate surface management agency will be contacted for the required seed mixture and seeding dates.

5. **Location and Type of Water Supply:**

Water will be obtained from the White River by Tu and Frum, Inc. Water User Claim #49-2185, Application #T75517, or by Target Trucking Water User Claim #43-2195, or by Dalbo Inc. Water User Claim #43-8496.

Water will be hauled to the location over the roads marked on Topographic Maps "A" and "B".

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized for location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, of both the Southam Canyon #10-25-11-6 and the Southam Canyon #9-24-44-36 wells, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling of both wells is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break or allow discharge of liquids.

A plastic reinforced liner is to be used. It will be a minimum of 12 mil thick and felt with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of annually in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

8. Ancillary Facilities:

During drilling operations, approximately 20 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crew's housing and eating facility. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 6.

9. Well Site Layout: (Refer to Sheet #3, #4, #5 & #6)

The attached Location Layout Diagrams describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The proposed Southam Canyon #9-24-44-36 well is to be a directional well drilled from the proposed Southam Canyon #10-25-11-6 well location. Please refer to Sheet 3.

All pits shall be fenced to the following minimum standards:

39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.

All wire shall be stretched by, using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig, the location will be re-surveyed and a Form 9 will be submitted.

10. Plans for Surface Reclamation:**Producing Location:**

Immediately upon well completion, of both the Southam Canyon #10-25-11-6 and the Southam Canyon #9-24-44-36 wells, the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 40 CFR 3162.7.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations for both the Southam Canyon #10-25-11-6 and the Southam Canyon #9-24-44-36 wells.

The reserve pit and that portion of the location not needed for production facilities/operations for both the Southam Canyon #10-25-11-6 and the Southam Canyon #9-24-44-36 wells will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of the last well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole / Abandoned Location:

Abandoned well sites, roads and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.

All disturbed surfaces will be re-contoured to the approximate natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment of both the Southam Canyon #10-25-11-6 and the Southam Canyon #9-24-44-36 wells. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

Seed Mixture:

The appropriate surface management agency will be contacted for the required seed mixture and seeding dates.

11. Surface Ownership: Location, Access Road & Pipeline

American Gilsonite Co.

29950 S. Bonanza Hwy.

Bonanza, Utah 84008

Attn.: Mr. Jared Jackson

Office – 435-789-1921 x 415; Fax – 435-789-1956; Cell – 435-790-7256; E-mail – jjackson@amgc.com

12. Other Information:

Wildlife Stipulations: Wildlife stipulations and possible activity restrictions will be detailed in the "Conditions of Approval" received with an approved Permit to Drill. Operator will comply with these wildlife stipulations.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

All lease operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations and any applicable Notice to Lessees. The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites or other applicable facilities.

Exhibit "C"

RIGHT-OF-WAY and SURFACE DAMAGE AGREEMENT

THIS AGREEMENT is made and entered into by and between, AMERICAN GILSONITE COMPANY, (hereinafter referred to as "Grantor") and ENDURING RESOURCES LLC (hereinafter referred to as "Grantee") effective April 28, 2005

WHEREAS, Grantor is the surface owner of N/2NW/4 quarter Section 6 Township 10 South, Range 25 East, Uintah County, Utah (hereinafter referred to as the "Land(s)").

WHEREAS, Grantee desires to enter onto and cross such Lands for the purpose of drilling an exploratory oil and/or gas well, [Well Name] ("Well"), located in the NW quarter of the NW quarter, Section 6 Township 10 South, Range 25 East, Uintah County, Utah (hereinafter referred to as the "Drillsite").

NOW THEREFORE, for and in consideration of the mutual promises and covenants herein contained, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

- I. Grantee shall pay Grantor the sum of \$_____ up front payment for damages to surface of the Lands for road access to the Drillsite and for the Drillsite for the drilling of the Well. Within sixty days of completion of the Well either as a producer or a plugged and abandoned well, Grantee shall survey the new access road and the Drillsite to compensate Grantor for any additional damage that may have occurred during drilling and completion operations. Compensation will be on a \$_____ per acre cost for any damages exceeding 4.0 acres and such compensation, if due, will be paid within thirty (30) days of the surveyor's report being released. Grantee shall utilize existing access routes to the maximum extent feasible, so as to minimize surface disturbances for access to facilities.
- II. Grantee and their assigns or agents shall have the right to use a reasonable amount of access road across the Lands and shall have the right to move derricks, drilling tools, vehicles, and all other machinery and equipment necessary or incident to the re-drilling, drilling, testing completion, operation of the Well. Such activity shall be restricted to existing public roads or access roads covered by this agreement. Any roads or surface facilities may be relocated at Grantor's expense if needed due to gilsonite mining or processing in the future.
- III. This Agreement and the rights granted herein are effective and shall continue in full force and effect so long as operations are conducted on the Well. Upon execution of this Agreement, all payments due hereunder shall be paid concurrently. Operations are defined under terms of the oil and gas lease with Grantor, and under the Rules and Regulations defined by the State of Utah.
- IV. Cattle guards or gates will be constructed, if requested by Grantor, at all places where the openings go through the existing fences and gates will be kept closed at all times except when opened for passage of traffic. Also, gates shall be installed to limit access to

producing wells on roads constructed by Grantee if by mutual agreement between Grantee and Grantor.

- V. If there is any fill used for roads constructed across any drainage, then culverts will be used for the free flow of water through said drainage.
- VI. If the access road departs from existing established roadways and new construction is required, topsoil will be segregated and stockpiled for replacement during reclamation activities.
- VII. It is understood that any road constructed across the said Lands shall not exceed 30 feet in total width, including the total disturbed area between the outside of each berm, without the prior approval of Grantor.
- VIII. Upon completion of the Well as a dry hole and the subsequent abandonment thereof, and at the request of the Grantor, any drill pads and newly constructed road will be restored and seeded within 180 days to the condition it was in prior to commencement of operations insofar as reasonably possible. Any preexisting roads, and the improvements thereto, which are constructed by Grantee, shall be left in a good and useable condition for the continued use by Grantor. Reclaimed areas will be reseeded with a wildlife mixture approved by the Utah Division of Wildlife.
- IX. In the event that the Well is completed as a producer of oil and/or gas, Grantee shall build and maintain a permanent access road in conformance with the already established county road including any variances granted by the county by existing roads to the Drillsite. Disturbed areas not used for production will be re-graded and seeded with an approved wildlife seed mix within 90 days unless prohibited by weather.
- X. Upon completion of the Well as a well capable of oil and/or gas production, this Agreement shall continue in full force and effect and Grantee shall pay in advance to Grantor an annual access rental of _____ dollars, \$_____ per pad and \$_____ per acre of roadway (30-foot width), or a minimum of \$_____ to include the pad and roadway for each well, whichever is greater, on or before January 31st of each year thereafter until the subject well is plugged and abandoned and operations cease thereon.
- XI. It is expressly understood that the settlement amounts in paragraph I are only for construction of a road and drilling location and is not a settlement for any damages to contiguous property, personal property of the Grantor or a release of any personal injuries that may be sustained by reason of the operations carried on by Grantee or its agents.
- XII. This Agreement does not cover pipeline easements and Grantee acknowledges that it must secure a separate agreement prior to laying pipeline related to production of gas or oil on Grantor's lands.
- XIII. This Agreement shall not be assigned, nor the rights of Grantee hereunder transferred in any manner without the prior written consent of Grantor, which consent shall not be

unreasonably withheld.

- XIV. Grantee shall comply at its own expense with the Workman's Compensation Law of the State of Utah and shall maintain such insurance throughout the duration of this Agreement, and shall furnish Grantor prior to beginning work on the Lands evidence of such insurance and at each policy period thereafter renewal evidence that such insurance is being maintained. Grantee, with respect to its operation in connection with this Agreement, shall also purchase or provide for (i) comprehensive general public liability insurance with a combined single limit not less than One Million Dollars (\$1,000,000) for bodily injury and property damage; and (ii) automobile insurance with a combined single limit of not less than One Million Dollars (\$1,000,000) for bodily injury or property damage. At Grantor's request, Grantee shall furnish Grantor with a certificate or certificates of insurance secured and maintained hereunder and Grantor shall be an additional insured thereon.
- XV. In the event any person or entity (including Grantor) suffers a loss of any kind or character, or death or injury, (1) as a result of a breach of this Agreement by Grantee, or its agents, contractors, or employees, or (2) as a result of Grantee or its agents, contractors or employees performing on the Drillsite or elsewhere, any action, directly or indirectly, in furtherance of a right hereunder, or (3) from any cause whatsoever while being on the Lands and the Drillsite to conduct any work or service for Grantee shall reimburse, indemnify, defend and hold harmless Grantor for any and all losses, costs, claims, liability, litigation, demands, damages and expenses (including all attorney fees) of every kind or character which Grantor may suffer or be subject to as a result of said loss or injury whether or not such losses, costs, claims, liabilities, litigation, demands, damages, and expenses (including all attorney fees) result from the condition of Grantor's premises or facilities, unless through the sole negligence of Grantor or its agents.
- XVI. Grantee shall provide Grantor with not less than forty-eight (48) hours advance notice, either by phone or in person, of Grantee's intent to enter upon the Land for the purpose of commencing operations thereon. Grantee shall conduct its operations in such a manner as to use no more Land than is reasonably necessary and shall use all reasonable efforts not to interfere with the use of the Land by any grazing permittees. All drilling fluid pits shall be fenced within ten days of end of drilling the Well as a producer or dry hole and then the pits will be reclaimed and reseeded within 180 days of the completion of the well as a producer or a dry hole. Surface structures shall be fenced, if they represent a potential hazard to livestock, by mutual agreement between Grantor and Grantee. The type of fencing to be mutually agreed upon by Grantor and Grantee. Grantee will have ten days to effect repairs or problems with fences when notified by e-mail or in writing by Grantor. Grantor can request an extension of the closure of pits beyond the 180 days from the completion of the Well if closing the pits represents a potential hazard or closing the pits at that time will not comply with the State of Utah's reclamation requirements. An extension will not be unreasonably withheld.
- XVII. Grantee shall have the right at any time, and from time to time, to remove any or all property, fixtures, equipment and materials, placed by Grantee on the Land, including the right to draw and remove casing. Within 90 days after plugging of the Well this

agreement will expire and Grantee shall remove all remaining property, fixtures, equipment and materials that were placed by Grantee on the Land. Such removal shall be accomplished at Grantee's sole cost, risk and expense. If such items are not removed within 90 days, Grantor shall have the right to remove those items from the Land and bill the associated cost for such removal to Grantee.

- XVIII. This agreement restricts the Grantee's use of Grantor's lands to the sole purpose of exploration and production of oil and/or gas at this specific site. It does not grant Grantee, its contractors, or its agents the right to use the Grantor's property for any other purpose.
- XIX. All operations of Grantee hereunder which involve drilling for and producing of oil and gas, or both, or the cessation, or abandonment, of its operations shall be conducted in a good and workmanlike manner and in accordance with standard oil field practices and in accordance with all applicable federal, state and local statutes and regulations including specifically, but not by way of limitation, such laws and regulations governing the operation, maintenance and reclamation of well sites, pipelines, tank batteries, and other related facilities as may be utilized by Grantee and its operations hereunder. Grantee shall further adhere to and abide by all federal, state and local environment statutes and regulations addressing air, water, and solid waste pollution and the handling storage, storage, use and disposal of hazardous substances as prescribed in the Comprehensive Environmental Response, Compensation and Liability Act of 1986, 42 U.S.C. & 9601, et seq. (CERCLA). Grantee shall provide Grantor with copies of all applications for environment laws, governmental requests for any information pertaining to environmental issues relating to the Land or products produced therefrom or Grantee's use thereof, copies of any responses from Grantee's to said requests, and any environmental investigations, reports, or studies involving the Land or products produced therefrom or the use thereof by Grantee which from time to time, may be obtained from Grantee.
- XX. Grantee also agrees to abide by the laws of regulations of the State of Utah designed to protect gilsonite deposits, including but not limited to those specific rules set forth in the General Rules and Regulations of the Utah Board of Oil, Gas and Mining, as amended, pertaining to such matters.
- XXI. The provisions hereof shall be considered as covenants running with the Land during the life of the Agreement and all modifications thereof, and any assignment of the Agreement shall be subject to the provisions thereof.
- XXII. This Agreement shall not be terminated in whole or in part, nor Grantee held liable for damages, because of a temporary cessation of production or of drilling operations due to breakdown of equipment or due to the repairing of a well or wells or because of failure to comply with any of the express provisions or implied covenants of this Agreement if such failure is the result of the exercise of governmental authority, war, armed hostilities, act of God, strike, civil disturbance, fire, explosion, flood or any other cause, including lack of market, beyond the control of Grantee.

XXIII. Any controversy or claim, whether based in contract, tort or otherwise, arising in any way out of, relating to or in connection with this Agreement (a "Dispute") shall be finally settled by arbitration conducted expeditiously in accordance with the Commercial Arbitration Rules (the "Rules") of the American Arbitration Association (the "AAA"). In the event of a conflict between this Article and the Rules, this Article shall govern. The attorney/client and work product privileges will be honored in the arbitration as though the case were being determined in a Utah state court. The arbitration shall be conducted before one independent and impartial arbitrator selected by the AAA pursuant to the Rules. The arbitration shall be governed by the United States Arbitration Act, 9 U.S.C. § 1-16, to the exclusion of any provision of Texas law inconsistent therewith and which would produce a different result, and judgment upon the award rendered by the arbitrator may be entered by any court having jurisdiction thereof. The place of arbitration shall be Salt Lake City, Utah, and the cost of the arbitration proceeding shall be borne equally by the parties to this agreement and each party shall bear its own attorney's fees, and other expenses, provided that the arbitrator may award attorney fees, filing fees and costs to the prevailing party as the arbitrator deems reasonable and fair. The arbitrators shall determine the claims of the parties and render their final award in accordance with the substantive law of the State of Utah exclusive of its conflict of law rules. The limitations on any actions will be determined under Utah law. The arbitrator shall permit and facilitate such discovery as the arbitrator determines is appropriate in the circumstances, taking into account the needs of the parties and the desirability of making discovery expeditious and cost-effective. The arbitrator shall actively manage the proceedings as the arbitrator deems best so as to make the proceedings fair, expeditious, economical, and less burdensome than litigation. The procedures specified in this section shall be the exclusive means of resolution of Disputes between the parties, provided that either party may seek injunctive action before a court of competent jurisdiction to prevent the occurrence of irreparable harm pending resolution of a Dispute pursuant to the provisions of this section.

XXIV. This Agreement constitutes the entire Agreement between the parties hereto as to the subject matters herein set forth and supersedes all prior written or oral agreements relative thereto. No change, modification, alteration or amendment to this Agreement shall be binding upon the parties hereto except as specifically expressed in writing and signed by each party agreeing to be bound thereby.

AMERICAN GILSONITE COMPANY, Grantor

By: 

ENDURING RESOURCES LLC, Grantee

By: 

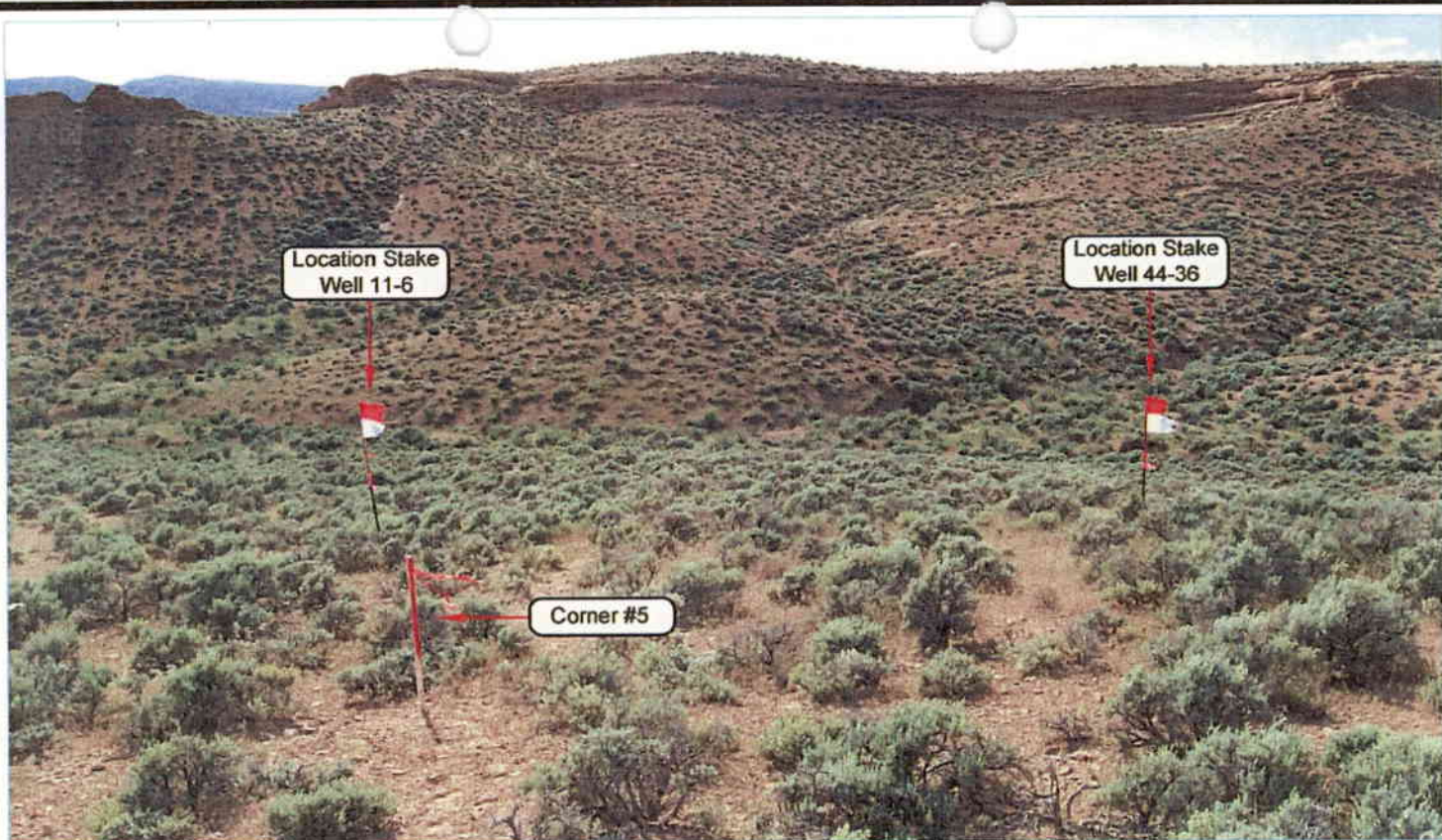


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: WESTERLY

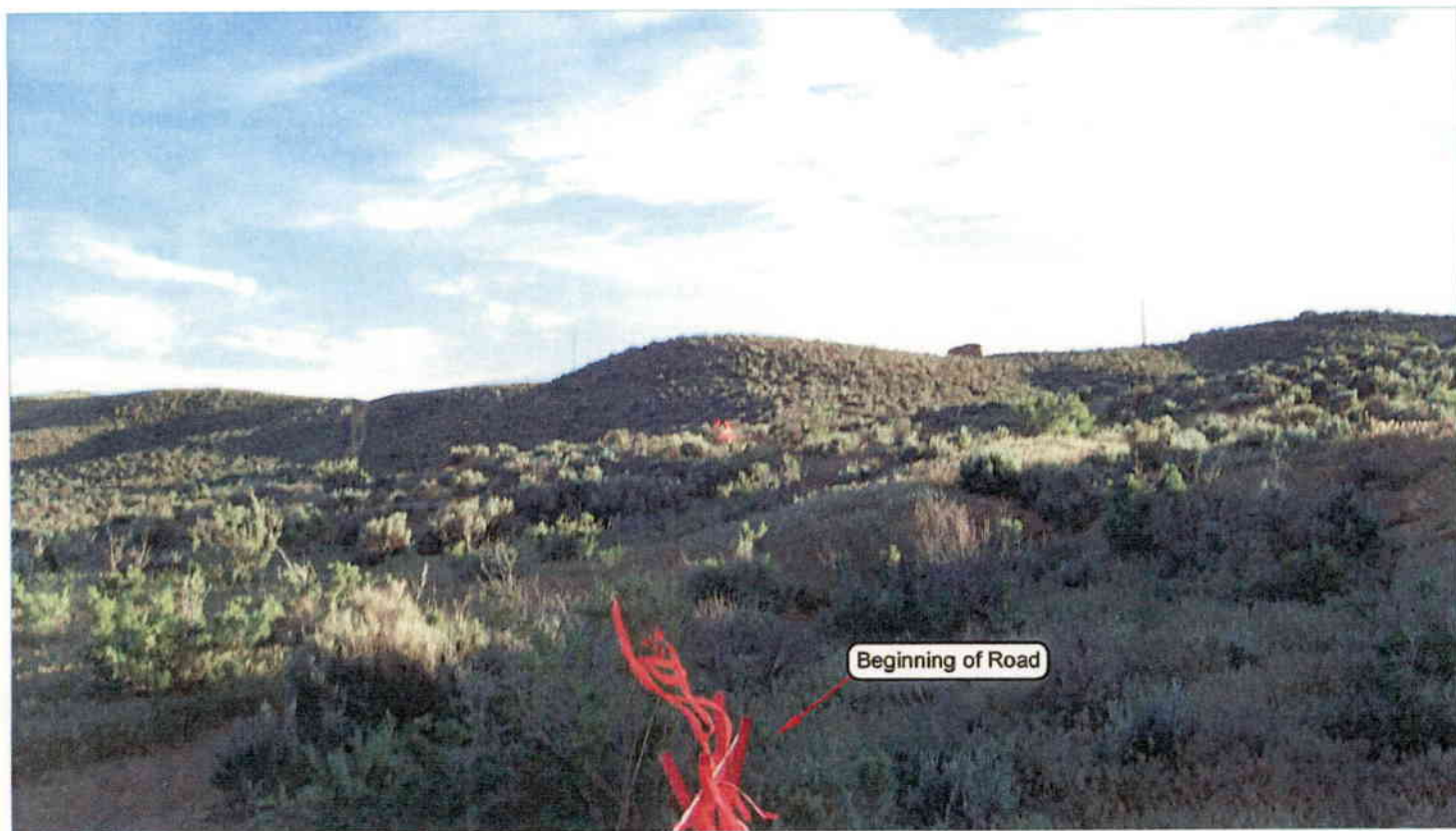


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: SOUTHWESTERLY

ENDURING RESOURCES

**SOUTHAM CANYON 10-25-11-6
SECTION 6, T10S, R25E, S.L.B.&M.
552' FNL & 470' FWL**

LOCATION PHOTOS

TAKEN BY: K.R.K.

DRAWN BY: J.R.S.

DATE TAKEN: 05-20-05

DATE DRAWN: 05-28-05

REVISED:

Timberline Land Surveying, Inc.
38 West 100 North Vernal, Utah 84078
(435) 789-1385

**SHEET
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OF 11**

ENDURING RESOURCE

WELL PAD INTERFERENCE PLAT SOUTHAM CANYON 10-25-11-6

BASIS OF BEARINGS IS THE WEST LINE OF THE
NW 1/4 OF SECTION 6, T10S, R25E, S.L.B.&M.
WHICH IS TAKEN FROM GLOBAL POSITIONING
SATELLITE OBSERVATIONS TO BEAR
N00°12'25"E.



PROPOSED GRADED GROUND
ELEVATION OF PAD IS 5346.5'

N44°00'55"W - 1631.35'
(To Bottom Hole)

SOUTHAM CANYON 9-24-44-36

SOUTHAM CANYON 10-25-11-6

Vertical
Well

SURFACE POSITION FOOTAGES:

SOUTHAM CANYON 10-25-11-6
552' FNL & 470' FWL

SOUTHAM CANYON 9-24-44-36
512' FNL & 476' FWL

BOTTOM HOLE FOOTAGES

SOUTHAM CANYON 10-25-11-6
VERTICAL

SOUTHAM CANYON 9-24-44-36
660' FSL & 660' FEL

BASIS OF ELEVATIONS IS TRIANGULATION
STATION JEK 9 ET (1966) LOCATED IN THE NW
1/4 OF SECTION 32, T9S, R25E, S.L.B.&M. THE
ELEVATION OF THIS BENCH MARK IS SHOWN ON
THE SOUTHAM CANYON 7.5 MIN. QUADRANGLE
AS BEING 5729'.

LATITUDE & LONGITUDE

Surface Position - (NAD 83) Autonomous

WELL	N. LATITUDE	W. LONGITUDE
11-6	39°59'00.91"	109°09'05.65"
44-36	39°59'01.30"	109°09'05.58"

RELATIVE COORDINATES

From Surface Position to Bottom Hole

WELL	NORTH	EAST
11-6	VERTICAL	
44-36	1,173'	-1,134'

LATITUDE & LONGITUDE

Bottom Hole - (NAD 83) Autonomous

WELL	N. LATITUDE	W. LONGITUDE
11-6	VERTICAL	
44-36	39°59'12.89"	109°09'20.14"

Section 6, T10S, R25E, S.L.B.&M.

Qtr/Qtr Location: LOT 4

Footage Location: 552' FNL & 476' FWL

Date Surveyed:
5-20-05

Date Drawn:
5-26-05

Date Last Revision:

Surveyed By: K.R.K.

Drawn By: J.R.S.

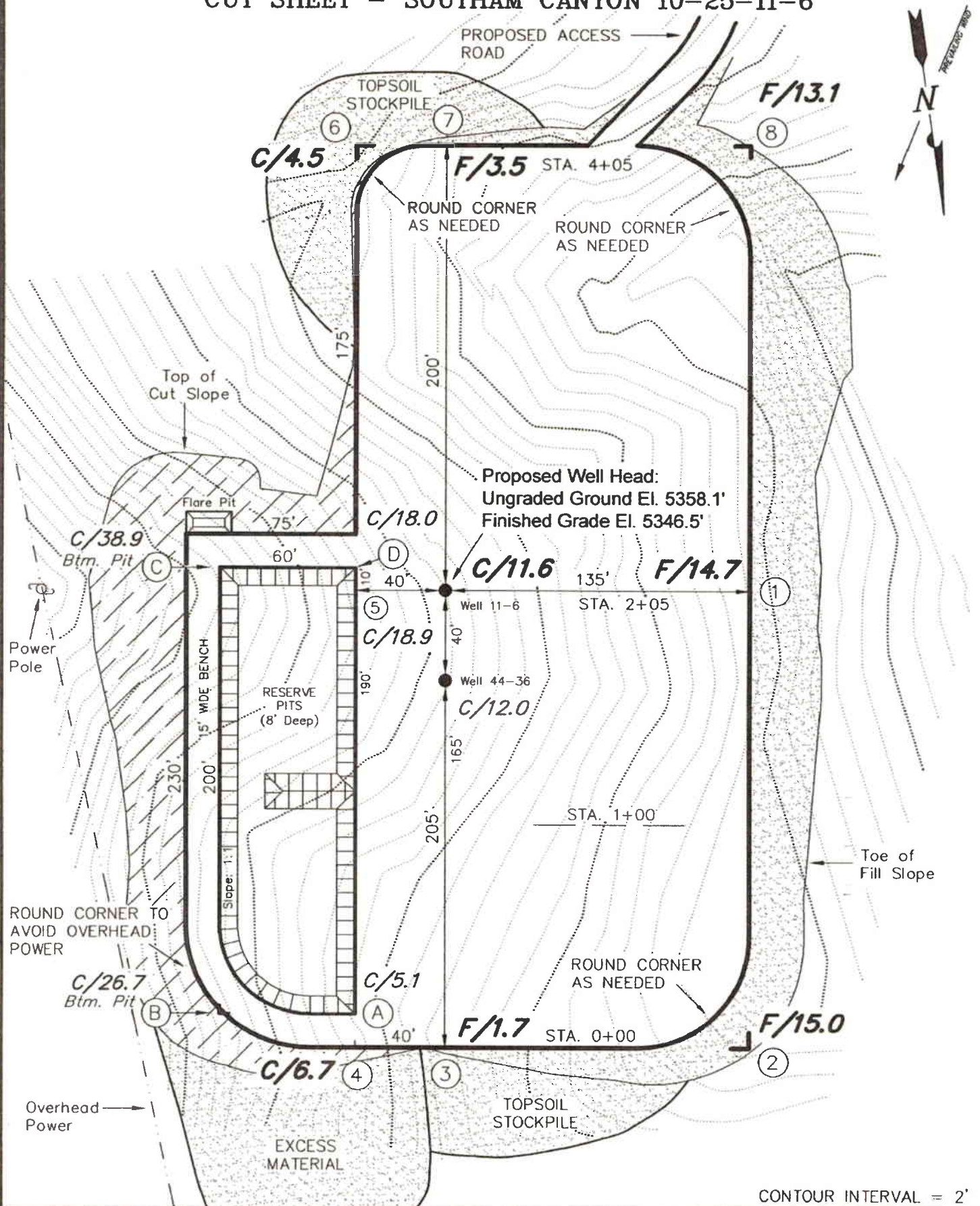
Scale: 1" = 60'

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Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

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OF 11

ENDURING RESOURCES

CUT SHEET - SOUTHAM CANYON 10-25-11-6

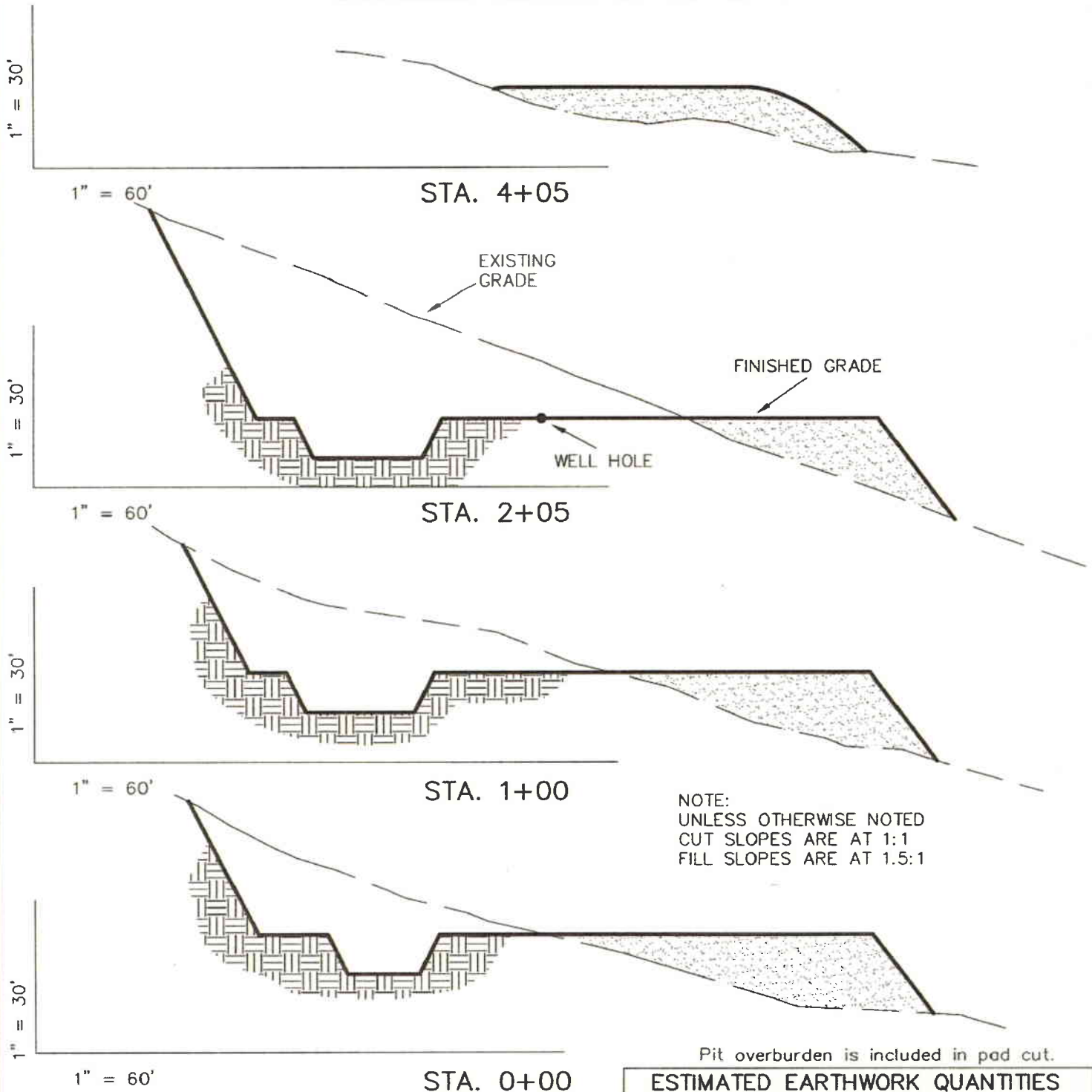


CONTOUR INTERVAL = 2'

Section 6, T10S, R25E, S.L.B.&M.		Qtr/Qtr Location: LOT 4		Footage Location: 552' FNL & 470' FWL	
Date Surveyed: 5-20-05	Date Drawn: 5-26-05	Date Last Revision:	<div>Timberline Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078</div> <div>(435) 789-1365</div>		SHEET 4 OF 11
Surveyed By: K.R.K.	Drawn By: J.R.S.	Scale: 1" = 60'			

ENDURING RESOURCE

CROSS SECTIONS SOUTHAM CANYON 10-25-11-6



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

Pit overburden is included in pad cut.

ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	20,300	21,710	Topsoil is not included in Pad Cut	-1,410
PIT	2,820	0		2,820
TOTALS	23,120	21,710	2,120	1,410

Excess Material after Pit Rehabilitation = 0 Cu. Yds.

REFERENCE POINTS

185 NORTHWESTERLY = 5322.0'
235' NORTHWESTERLY = 5313.3'
255' NORTHEASTERLY = 5345.9'
305' NORTHEASTERLY = 5348.1'

Section 6, T10S, R25E, S.L.B.&M.

Qtr/Qtr Location: LOT 4

Footage Location: 552' FNL & 470' FWL

Date Surveyed:
5-20-05

Date Drawn:
5-26-05

Date Last Revision:

Surveyed By: K.R.K.

Drawn By: J.R.S.

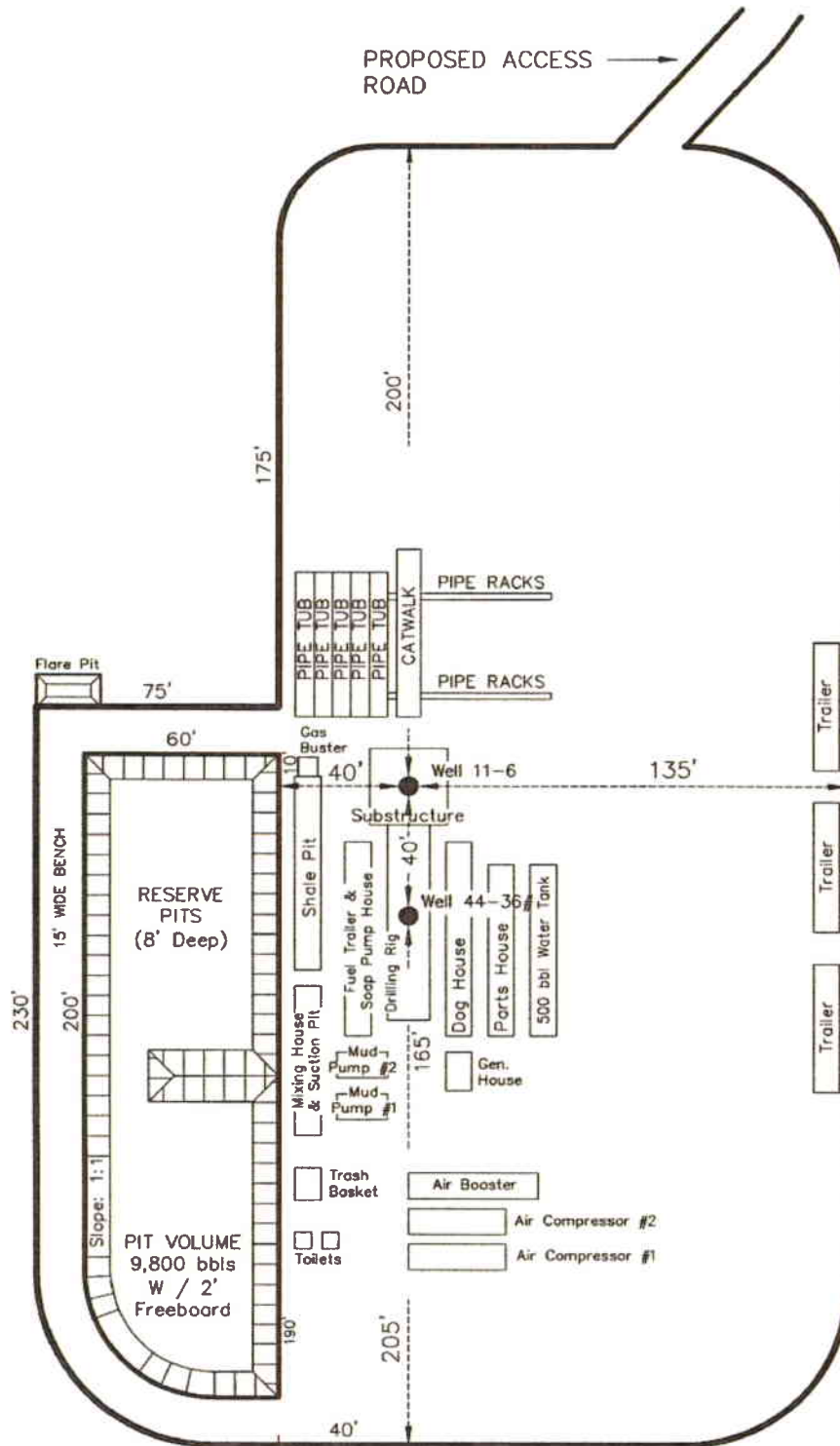
Scale: 1" = 60'

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OF 11

ENDURING RESOURCES

TYPICAL RIG LAYOUT SOUTHAM CANYON 10-25-11-6



Section 6, T10S, R25E, S.L.B.&M.

Qtr/Qtr Location: LOT 4

Footage Location: 552' FNL & 470' FWL

Date Surveyed:
5-20-05

Date Drawn:
5-26-05

Date Last Revision:

Surveyed By: K.R.K.

Drawn By: J.R.S.

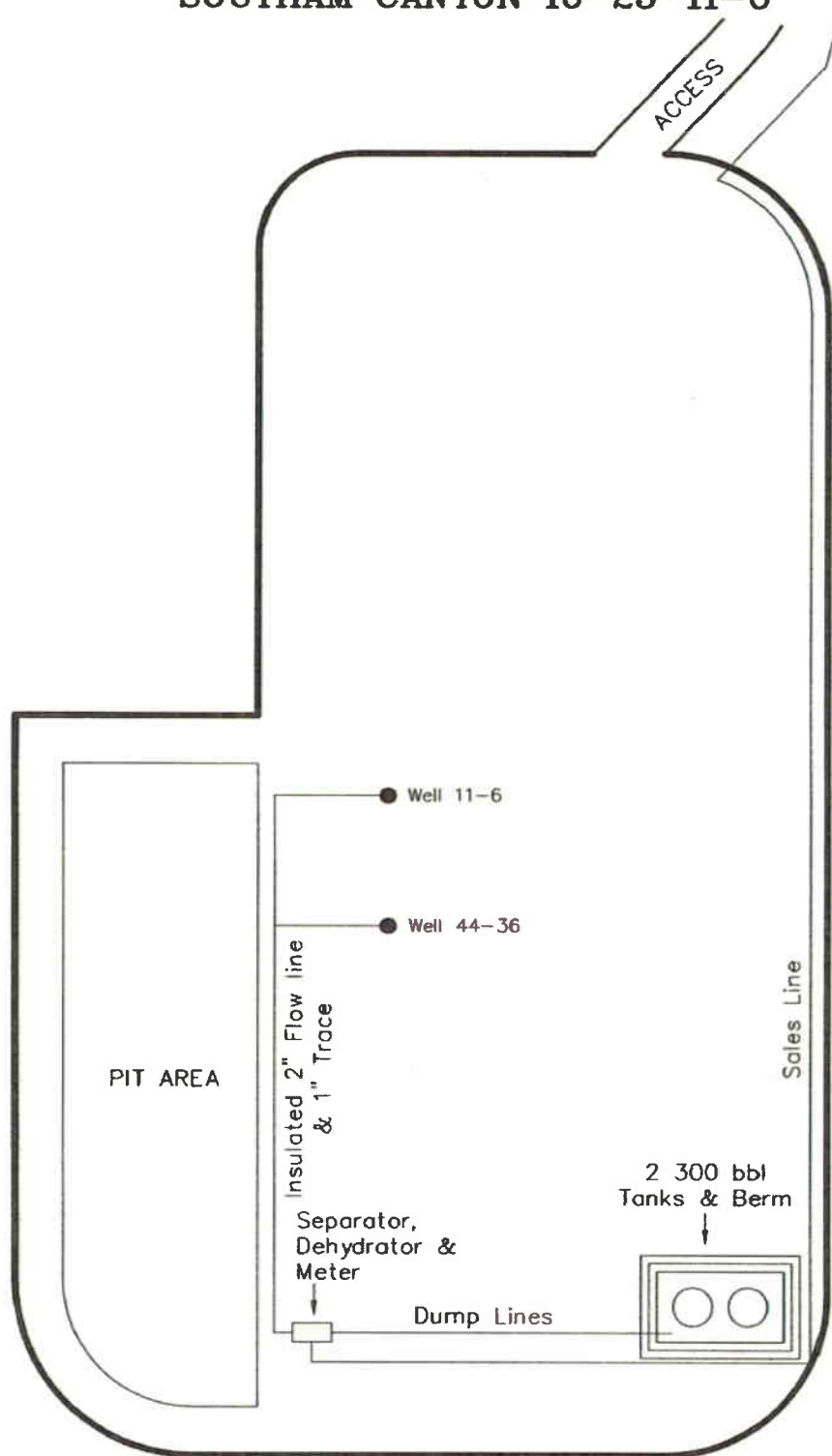
Scale: 1" = 60'

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Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

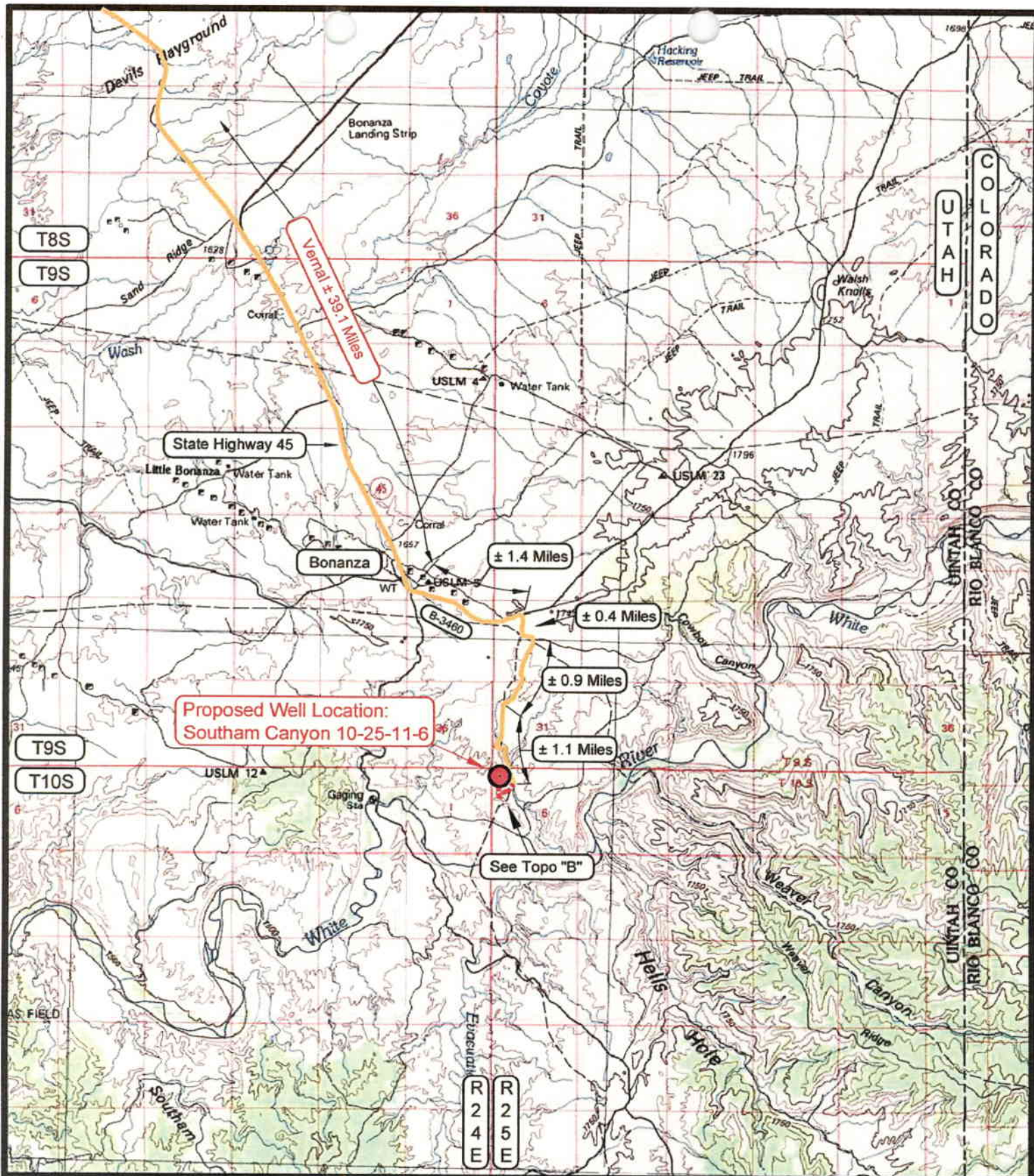
SHEET
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OF 11

ENDURING RESOURCES

TYPICAL PRODUCTION LAYOUT SOUTHAM CANYON 10-25-11-6



Section 6, T10S, R25E, S.L.B.&M.		Qtr/Qtr Location: LOT 4	Footage Location: 552' FNL & 470' FWL
Date Surveyed: 5-20-05	Date Drawn: 5-26-05	Date Last Revision:	Timberline (435) 789-1365
Surveyed By: K.R.K.	Drawn By: J.R.S.	Scale: 1" = 60'	Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078			SHEET 7 OF 11



LEGEND

- = PROPOSED WELL LOCATION
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- - - = PROPOSED ACCESS ROAD
- B-5460 = COUNTY ROAD CLASS & NUMBER

TOPOGRAPHIC MAP "A"

SCALE: 1:100,000

DRAWN BY: J.R.S.

DATE SURVEYED: 05-20-05

DATE DRAWN: 05-26-05

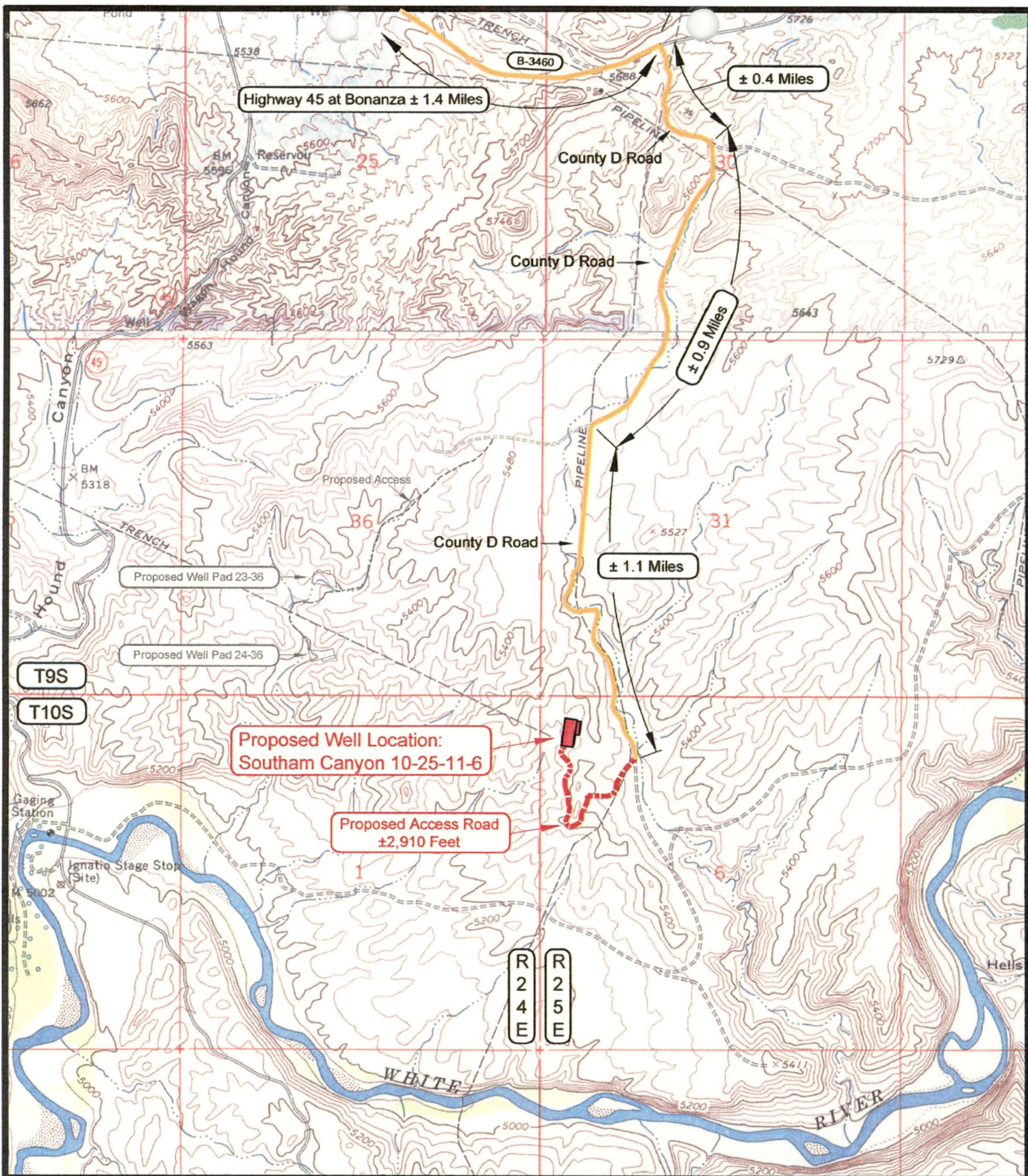
REVISED:

ENDURING RESOURCES

Southam Canyon 10-25-11-6
SECTION 6, T10S, R25E, S.L.B.&M.
552' FNL & 470' FWL

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
8
OF 11



LEGEND

- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- = PROPOSED ACCESS ROAD
- B-5460 = COUNTY ROAD CLASS & NUMBER

TOPOGRAPHIC MAP "B"

SCALE: 1" = 2000'

DRAWN BY: J.R.S.

DATE SURVEYED: 05-20-05

DATE DRAWN: 05-26-05

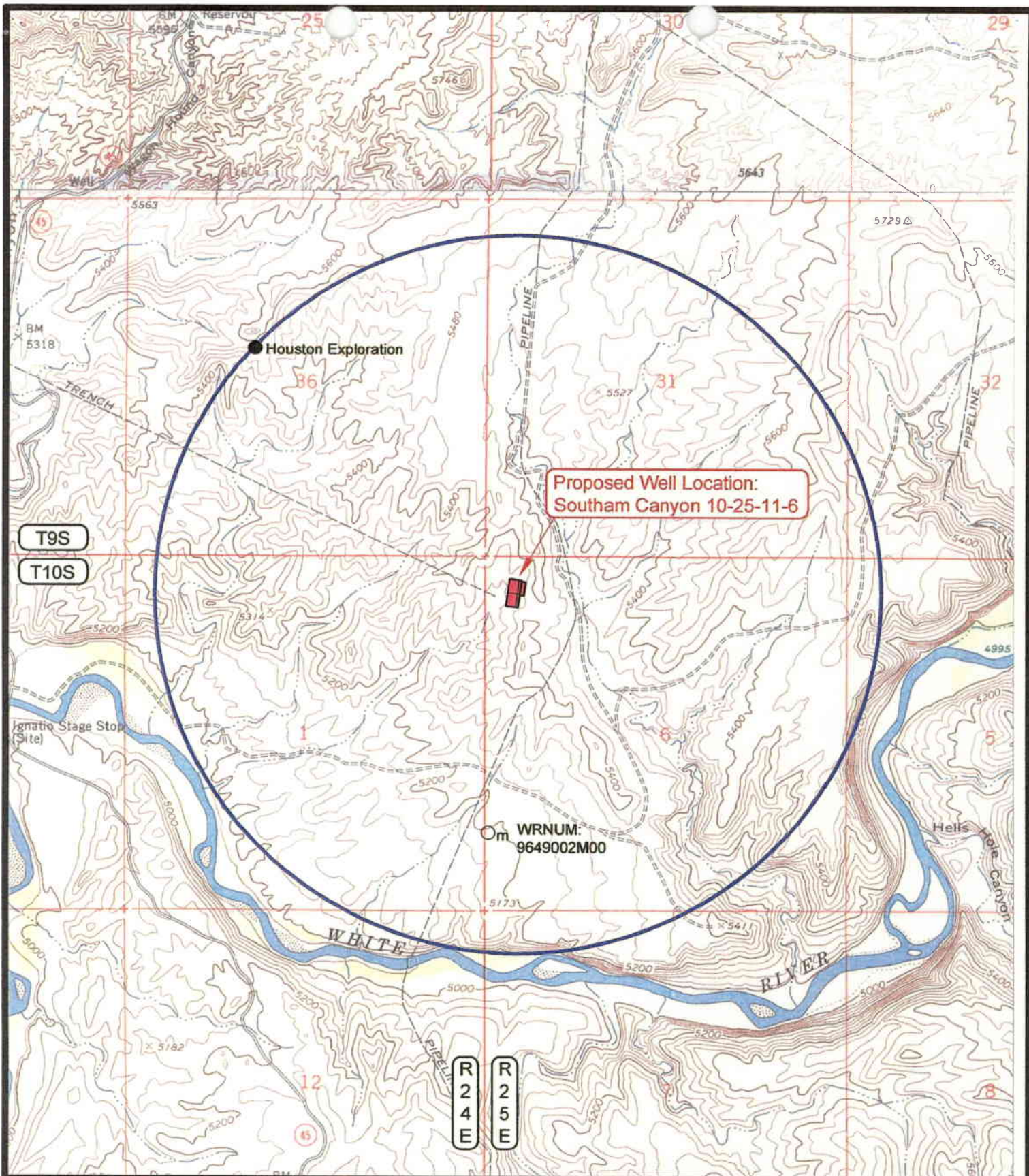
REVISED:

ENDURING RESOURCES

Southam Canyon 10-25-11-6
SECTION 6, T10S, R25E, S.L.B.&M.
552' FNL & 470' FWL

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET
9
OF 11



LEGEND

- | | |
|----------------------------------|--------------------------------|
| ⊘ = DISPOSAL WELL | ⊘ = WATER WELL |
| ● = PRODUCING WELL | ● = ABANDONED WELL |
| ● = SHUT IN WELL | ● = TEMPORARILY ABANDONED WELL |
| ○ _m = MONITORING WELL | |

TOPOGRAPHIC MAP "C"

SCALE: 1" = 2000'

DRAWN BY: J.R.S.

DATE SURVEYED: 05-20-05

DATE DRAWN: 05-26-05

Latest Revision: 5-27-05

ENDURING RESOURCES

Southam Canyon 10-25-11-6
SECTION 6, T10S, R25E, S.L.B.&M.
552' FNL & 470' FWL

Timberline Land Surveying, Inc.

38 West 100 North Vernal, Utah 84078
 (435) 789-1365

SHEET

10a

OF 11

APPROXIMATE PIPELINE LENGTH = 2,750 FEET

LEGEND

-  = EXISTING PIPELINE
 = PROPOSED PIPELINE
 = PROPOSED ACCESS ROAD

ENDURING RESOURCES

Southam Canyon 10-25-11-6
SECTION 6, T10S, R25E, S.L.B.&M.
552' FNL & 470' FWL

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 05-20-05

DATE DRAWN: 05-26-05

SCALE: 1" = 1000'

DRAWN BY: J.R.S.

REVISÉ:

Timberline Land Surveying, Inc.

38 West 100 North Vernal, Utah 84078
(435) 789-1365

SHEET

11
OF 11

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/03/2005

API NO. ASSIGNED: 43-047-36933

WELL NAME: SOUTHAM CYN 10-25-11-6
OPERATOR: ENDURING RESOURCES, LLC (N2750)
CONTACT: PHYLLIS SOBOTIK

PHONE NUMBER: 303-350-5114

PROPOSED LOCATION:

NWNW 06 100S 250E
SURFACE: 0552 FNL 0470 FWL
BOTTOM: 0552 FNL 0470 FWL
UINTAH
UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DREN	7/13/05
Geology		
Surface		

LEASE TYPE: 4 - Fee
LEASE NUMBER: FEE
SURFACE OWNER: 4 - Fee
PROPOSED FORMATION: MVRD
COALBED METHANE WELL? NO

LATITUDE: 39.98360
LONGITUDE: -109.1508

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0008031)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-2195)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

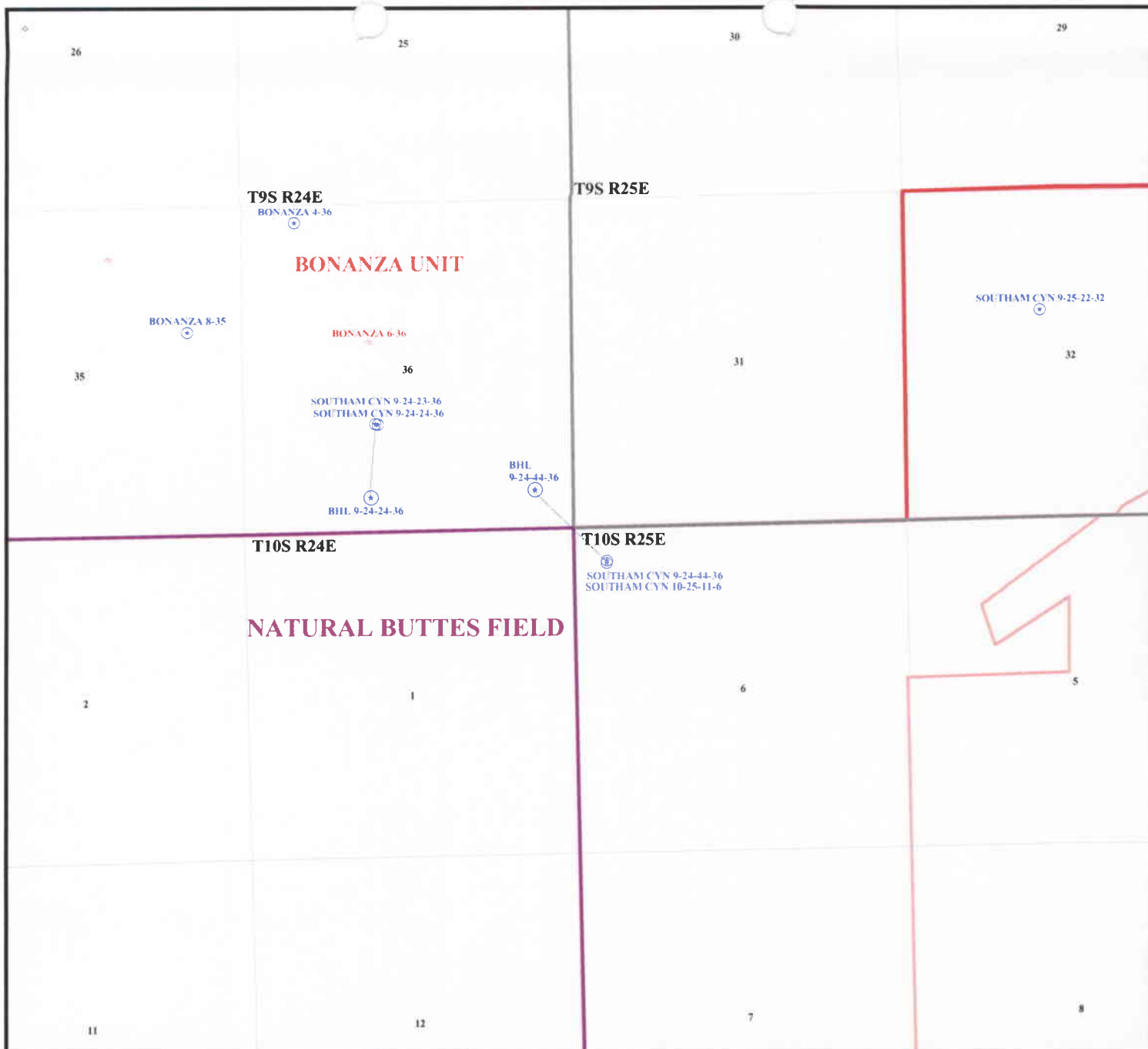
____ R649-2-3.
Unit _____
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
____ R649-3-11. Directional Drill

COMMENTS:

Needs Permit (08-23-05)

STIPULATIONS:

1- Spacing Strip
2- STATEMENT OF BASIS
3- Surface Csg Cont Strip



OPERATOR: ENDURING RES LLC (N2750)

SEC: 6 T. 10S R. 25E

FIELD: UNDESIGNATED (002)

COUNTY: UTAH

SPACING: R649-3-2 / GENERAL SITING

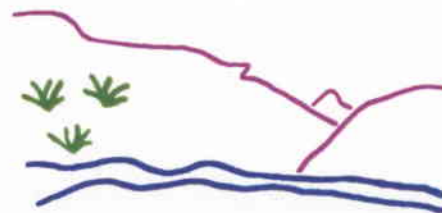
LEGEND



- Counties
- Sections
- Township
- Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

- Unit Status
- EXPLORATORY
- GAS STORAGE
- NP PP OIL
- NP SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

- Well Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining

PREPARED BY: DIANA WHITNEY
DATE: 8-AUG-2005

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: ENDURING RESOURCES, LLC.
WELL NAME & NUMBER: SOUTHAM CANYON 10-25-11-6
API NUMBER: 43-047-36933
LOCATION: 1/4, 1/4 NW/NW Sec: 6 TWP: 10S RNG: 25E 552' FNL 470' FWL

Geology/Ground Water:

Enduring Resources proposes to set 2,000 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 5,400 feet. A search of Division of Water Rights records shows over 20 water wells within a 10,000 foot radius of the proposed location. These wells range from 29 feet to 500 feet in depth. The wells are over a mile from the proposed location and are centered around the Bonanza town site. Water use is listed as domestic, stock watering and industrial. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any potentially useable aquifers.

Reviewer: Brad Hill **Date:** 08-30-05

Surface:

The predrill investigation of the surface was performed on 8/23/05. This site is on fee surface, with fee minerals owned by American Gilsonite. The need for blasting during construction of this location was discussed. Jared Jackson of American Gilsonite requested that he be notified prior to any blasting taking place. There is also a power line running along the east side of the location. Doug Hammond of Enduring Resources agreed to contact the power company prior to location construction to discuss any possible concerns regarding the safety and integrity of the power line.

Reviewer: Richard Powell **Date:** 8/25/2005

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: ENDURING RESOURCES, LLC
WELL NAME & NUMBER: SOUTHAM CANYON 10-25-11-6
API NUMBER: 43-047-36933
LEASE: FEE FIELD/UNIT: UNDESIGNATED
LOCATION: 1/4, 1/4 NW/NW Sec: 6 TWP: 10S RNG: 25E 552' FNL 470' FWL
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4, 1/4 LINE; 920 F ANOTHER WELL.
GPS COORD (UTM): 4427367 12S0657889 SURFACE OWNER: AMERICAN GILSONITE.

PARTICIPANTS

Richard Powell (DOGM), Doug Hammond (Enduring Resources), Larry Rowell & Mike Stewart (Ponderosa Oilfield Service), Kolby Kay (Timberline Surveying), Jared Jackson (American Gilsonite).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Location is set on the west side, near the top, of north south running ridge. The terrain is dominated by fairly steep hills and ridges topped by rock outcroppings, with other Rock formations protruding from the slopes. Drainage is south to the White River approximately 1 mile from the location. Vernal, UT is approximately 42 miles to the northwest.

SURFACE USE PLAN

CURRENT SURFACE USE: Gilsonite mining and wildlife grazing.

PROPOSED SURFACE DISTURBANCE: Location will be 445' by 250'. Proposed new access road to be approximately 2,910'.

LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS: See attached map from GIS database.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow access road.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OF CONCERNS? (EXPLAIN): Unlikely.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Portable toilets, sewage holding tanks, and onsite sewage treatment equipment will be handled by commercial contractors and

regulated by the appropriate health authority. Trash will be contained in trash baskets and disposed of at an approved landfill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: none

FLORA/FAUNA: Sagebrush, Greasewood, Prickly Pear, and Cheat grass / Deer, Elk, Rodents, Raptors, Coyote, Songbirds, Rabbit, Bobcat, Pronghorn.

SOIL TYPE AND CHARACTERISTICS: Light brown sandy clay.

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion. Sedimentation and stability are not a problem and location construction shouldn't cause an increase in stability or erosion problems.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: 200' BY 60' and eight feet deep.

LINER REQUIREMENTS (Site Ranking Form attached): A liner and felt sub-liner will be required for reserve pit. Site ranking score is 30. As per dirt contractors, this location and access road will require blasting.

SURFACE RESTORATION/RECLAMATION PLAN

As per agreement with American Gilsonite.

SURFACE AGREEMENT: Completed with American Gilsonite.

CULTURAL RESOURCES/ARCHAEOLOGY: Archaeology study done by Montgomery.

OTHER OBSERVATIONS/COMMENTS

Enduring Resources proposes to place two wells on this location. The other well is the Southam Canyon 9-24-44-36. This is a directional well targeted for SE/SE Sec. 36, T9S, R24E. There is a power line running north south approximately 25 to 30 feet from the east side of location.

ATTACHMENTS

Photos of this site were taken and placed on file.

RICHARD POWELL
DOGM REPRESENTATIVE

8/23/05 10:00 AM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Scale
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

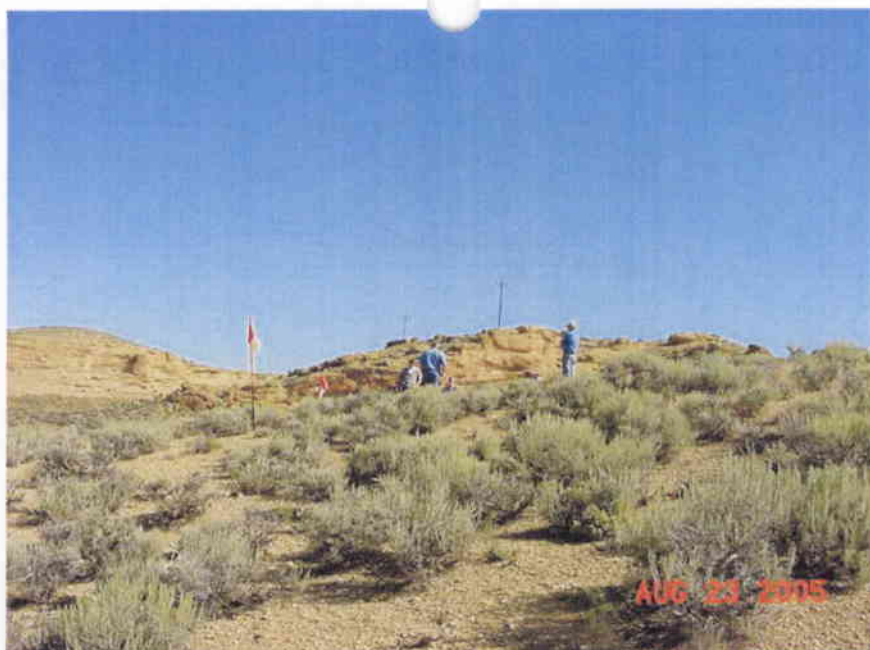
Final Score 30 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

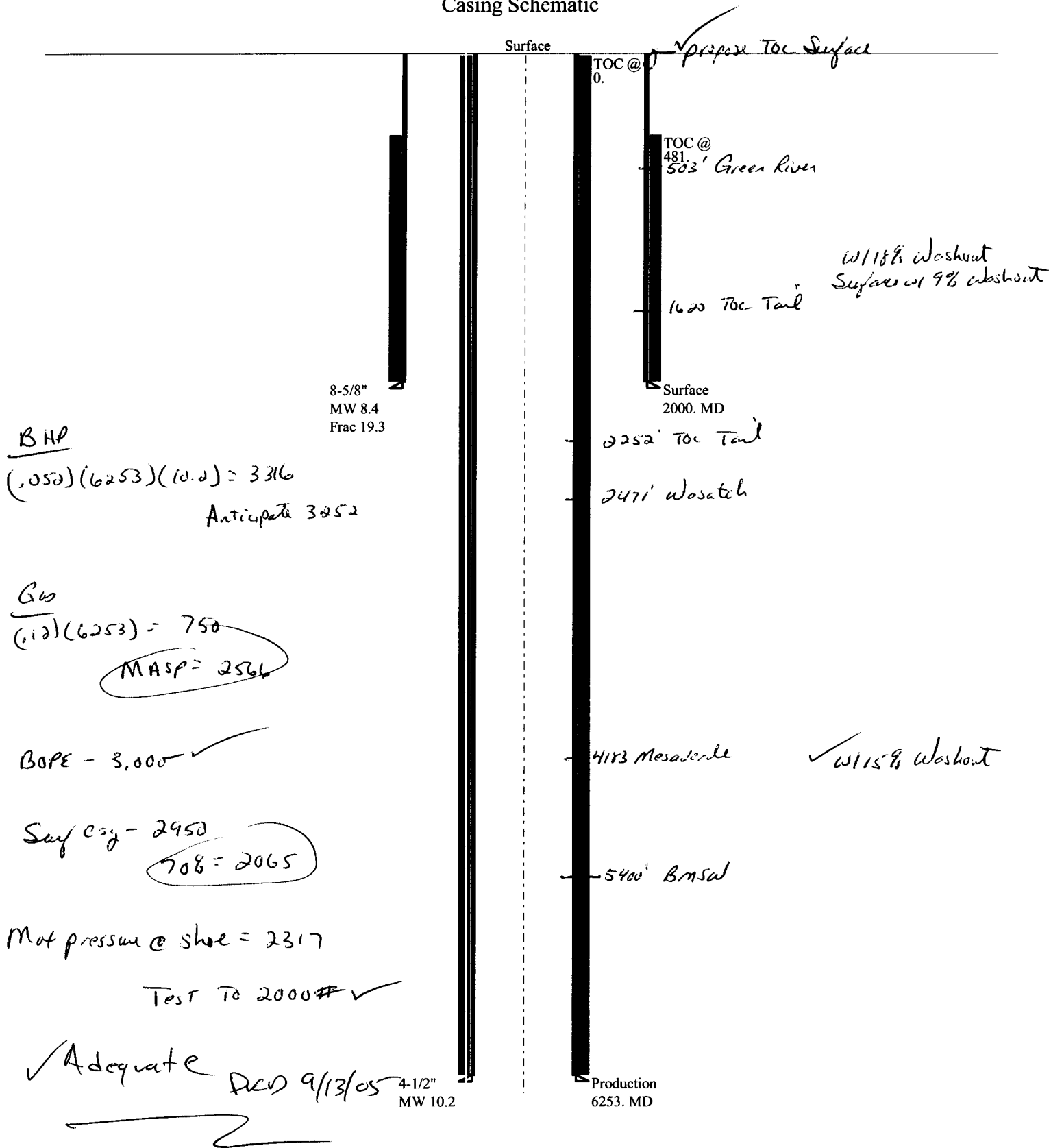
Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





Casing Schematic



Well name:	08-05 Enduring Southman Cyn 10-25-11-6	
Operator:	Enduring Resources, LLC	Project ID:
String type:	Surface	43-047-36933
Location:	Uintah County	

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 103 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 350 ft

Cement top: 481 ft

Burst

Max anticipated surface pressure: 1,744 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,984 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 1,748 ft

Completion type is subs
Non-directional string.

Re subsequent strings:

Next setting depth: 6,253 ft
Next mud weight: 10.200 ppg
Next setting BHP: 3,313 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,982 ft
Injection pressure 1,982 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2000	8.625	24.00	J-55	ST&C	2000	2000	7.972	96.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	1370	1.570	1984	2950	1.49	42	244	5.82 J

Prepared Clinton Dworshak
by: Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: August 31, 2005
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

08-05 Enduring Southman Cyn 10-25-11-6Operator: **Enduring Resources, LLC**

String type: Production

Project ID:

43-047-36933

Location: Uintah County

Design parameters:**Collapse**

Mud weight: 10.200 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 163 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,563 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 3,313 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Completion type is subs
Non-directional string.

Tension is based on buoyed weight.

Neutral point: 5,300 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6253	4.5	11.60	N-80	LT&C	6253	6253	3.875	144.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3313	6350	1.917	3313	7780	2.35	61	223	3.63 J

Prepared Clinton Dworshak
by: Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: August 31, 2005
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6253 ft, a mud weight of 10.2 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

September 13, 2005

Enduring Resources, LLC
475 17th St., Suite 1500
Denver, CO 80202

Re: Southam Canyon 10-25-11-6 Well, 552' FNL, 470' FWL, NW NW,
Sec. 6, T. 10 South, R. 25 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The AFI identification number assigned to this well is 43-047-36933.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor

Operator: Enduring Resources, LLC
Well Name & Number Southam Canyon 10-25-11-6
API Number: 43-047-36933
Lease: Fee

Location: NW NW **Sec.** 6 **T.** 10 South **R.** 25 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
6. Surface casing shall be cemented to the surface.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: ENDURING RESOURCES LLC

Well Name: SOUTHAM CYN 10-25-11-6

Api No: 43-047-36933 Lease Type: FEE

Section 06 Township 10S Range 25E County UINTAH

Drilling Contractor PETE MARTIN'S RIG # BUCKET

SPUDDED:

Date 03/17/06

Time

How DRY

Drilling will Commence:

Reported by DOUG HAMMOND

Telephone # 1-435-790-6996

Date 03/20/2006 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Enduring Resources, LLC Operator Account Number: N 2750
Address: 475 17th Street, Suite 1500
city Denver
state CO zip 80202 Phone Number: (303) 350-5114

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304736933	Southam Canyon 10-25-11-3	NWNW	6	10S	25E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	15275	3/17/2006	3/30/06		
Comments: <u>MVRD</u> CONFIDENTIAL K						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Alvin R. (Al) Arlian

Name (Please Print)

Signature

Landman-Regulatory

3/23/2006

Date

RECEIVED

MAR 24 2006

(5/2006)

DIV. OF OIL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER CONFIDENTIAL

2. NAME OF OPERATOR:
Enduring Resources, LLC

3. ADDRESS OF OPERATOR:
475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 350-5114

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 552' FNL - 470' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 6 10S 25E S

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 3/26/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Conductor - surface pipe cement report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

3-17-2006 MIRU Pete Martin Rathole Service and drill 40' of 20" hole. Run 40' of 14" conductor pipe and cement with 3 yards of Readymix cement.

3-24-2006 MIRU BILL JRS RATHOLE SERVICE, DRILL TO 2,080'.
RUN 47 JTS OF 8 5/8" 32# J55 SURFACE CASING TO 2040' CEMENT GUIDE SHOE, FLOAT COLLAR
2080 NIH AND 8 CENTRALIZERS. CEMENTED WITH 230 SX LEAD AND 250 SX TAIL.
TOP CEMENT WITH 120 SX, CEMENT TO SURFACE. HIT FRESH WATER AT 1610 FT.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE

DATE 3/27/2006

(This space for State use only)

RECEIVED

MAR 30 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER _____

2. NAME OF OPERATOR:
Enduring Resources, LLC

3. ADDRESS OF OPERATOR:
475 17th St, Suite 1500 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 573-1222

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 552' FNL, 470' FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: same as above
AT TOTAL DEPTH: same as above

5. LEASE DESIGNATION AND SERIAL NUMBER:
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT or CA AGREEMENT NAME
N/A

8. WELL NAME and NUMBER:
Southam Canyon 10-25-11-6

9. API NUMBER:
4304736933

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NWNW 6 10S 25E

12. COUNTY
Uintah

13. STATE
UTAH

14. DATE SPUDDED: 7/20/2006 15. DATE T.D. REACHED: 7/28/2006 16. DATE COMPLETED: 11/3/2006

ABANDONED ☐ READY TO PRODUCE ☒

17. ELEVATIONS (DF, RKB, RT, GL):
5,366 RKB

18. TOTAL DEPTH: MD 5,630 TVD 19. PLUG BACK T.D.: MD 5,603 TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 5 21. DEPTH BRIDGE MD 5,585 PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Previously submitted. Resistivity, GR, AIT, Caliper, PE, TZ

23. WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)
WAS DST RUN? NO ☒ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☒ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14"	Line Pipe	0	40		3 yards		0 (CIR)	0
12-1/4"	8 5/8 J55	32#	20	2,040		CI G 600	232	20(CIR)	0
7-7/8"	4 1/2 N80	11.60#	20	5,623		CI G 1,115	242	1280(CBL)	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3,717							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	3,124	3,519			3,124 3,519	1'slot	3	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Mesaverde	3,624	5,322			3,624 5,322	1'slot	2	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
3,124 - 3,519	Placed 74,920 lbs Ottawa 20/40 proppant in Wasatch formation.
3,624 - 5,322	Placed 80,000 lbs Ottawa 20/40 proppant in Mesaverde formation.

29. ENCLOSED ATTACHMENTS:

- ☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: _____

30. WELL STATUS:

Shut in

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NOV 09 2006

DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 0	WATER – BBL: 0	PROD. METHOD: none
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: shut in

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Description:, Contents, etc.	Name	Top (Measured Depth)
Green River Wasatch Mesaverde	506 2,466 3,557				

35. ADDITIONAL REMARKS (Include plugging procedure)

This well was completed, but has not produced any gas.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Kevin Lee TITLE Engineering Tech
 SIGNATURE  DATE 11/6/2006

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- re-entering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>CONFIDENTIAL</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
PHONE NUMBER: (303) 350-5114		8. WELL NAME and NUMBER: Southam Canyon 10-25-11-6
4. LOCATION OF WELL FOOTAGES AT SURFACE: 552' FNL - 470' FWL		9. API NUMBER: 4304736933
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 6 10S 25E S		10. FIELD AND POOL, OR WILDCAT: Wildcat

COUNTY: Uintah

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/6/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Notice of First Gas Sales
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

11-6-2006 First Gas Sales.

This well had first gas sales in November, 2006 when a pumping unit was being installed.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE

DATE 12/19/2006

(This space for State use only)

RECEIVED

DEC 27 2006

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:

FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

n/a

7. UNIT or CA AGREEMENT NAME:

n/a

8. WELL NAME and NUMBER:

Southam Canyon 10-25-11-6

9. API NUMBER:

4304736933

10. FIELD AND POOL, OR WILDCAT:

Wildcat

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER _____

2. NAME OF OPERATOR:

Enduring Resources, LLC

3. ADDRESS OF OPERATOR:

475 17th Street, Suite 1500 CITY Denver

STATE CO ZIP 80202

PHONE NUMBER:

(303) 350-5114

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 552' FNL - 470' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 6 10S 25E S

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

5/1/2007

TYPE OF ACTION

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

In order to prevent waste of gas, as defined by law; to protect the correlative rights of all parties concerned; to prevent the drilling of un-necessary wells; and to insure proper and efficient development and promote conservation of the gas resources of the State of Utah, Enduring Resources, LLC respectfully request approval to perforate and commingle the Wasatch and Mesaverde formations "pools" in the same well bore.

1. Ownership in both formations is the same. However, in the event allocation of production is necessary, that allocation will be based on proportionate net pay based on well logs.
2. These formations shall be commingled in the well bore and produced concurrently in a single string of 2-3/8" production tubing.
3. Attached is a map showing the location of wells on contiguous oil and gas leases and/or production units.
4. Also attached is an affidavit confirming that this application has been provided to leasehold interest owners in contiguous oil and gas lease or production units overlying the "pool."

DATE: 6-11-07
BY: RM

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE

DATE 5/1/2007

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6/8/07
BY: [Signature]
See Instructions on Reverse Side

(5/2000)

RECEIVED
MAY 04 2007

DIV. OF OIL, GAS & MINING

AFFIDAVIT OF MAILING

Statue of Colorado)
City and)ss.
County of Denver)

Alvin R. Arlian (hereinafter sometimes referred to as "Affiant"), of lawful age, being first duly sworn upon oath, deposes and says:

1. Affiant is a Landman-Regulatory Specialist for Enduring Resources, LLC (hereinafter sometimes referred to as "Enduring") whose address is 475 17th Street, Denver, Colorado 80202,

2. Enduring is the operator of the following described oil and gas well:

**Southam Canyon 10-25-11-6
552' FNL - 470' FWL (NWNW) Sec 6, 10S-25E
Uintah County, Utah**

3. A cursory search of applicable records confirmed that the following parties are the only leasehold interest owners in the contiguous oil and gas wells, contiguous oil and gas leases, or contiguous oil and gas well production units overlying the "pool."

1. The Houston Exploration Company
2. Dominion Exploration & Production
3. Rightor Energy, LLC
- 4.

4. On Tuesday, May 01, 2007 Affiant mailed (or caused to be mailed) in U.S. Mail, with postage prepaid, a copy of the attached Application for Commingling two or more pools (formations) in one well bore of the well described in Paragraph No. 2 above which said Application for Commingling (Form 9) has/had concurrently been filed with the State of Utah Division of Oil, Gas, and Mining (and if applicable, copies sent to SITLA, and the Bureau of Land Management), and

5. Attached is a map showing the location of wells' located on contiguous oil and gas leases and/or production units.

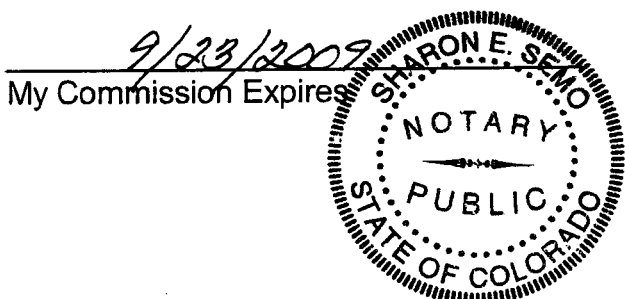
Affiant saith no more.



Alvin R. Arlian, Affiant

Scribed and sworn to before me this 1st day of May, 2007 by Alvin R. Arlian.

My Commission Expires




Notary Public.

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

May 1, 2007

The Houston Exploration Company
1100 Louisiana, #2000
Houston, TX 77002

CERTIFIED MAIL
ARTICLE NO: 7006 2760 0001 4272 3909

Attention: Land Department

RE: Commingling Application
Southam Canyon 10-25-11-6
552' FNL - 470' FWL (NWNW) Sec 6, 10S-25E
Uintah County, Utah

Dear Leasehold Interest Owner:

Enduring Resources, LLC ("Enduring") has filed an application with the State of Utah Division of Oil, Gas, and Mining requesting approval of the Wasatch and Mesaverde formations (pools) in the above-referenced well to be commingled.

Ownership in both formations is the same. However, in the event allocation of production is necessary, that allocation will be based on proportionate net pay based on well logs. These formations (pools) shall be commingled in the well's well bore.

Attached is a map showing the location of wells on contiguous oil and gas leases and/or production units. Also attached is an affidavit confirming that this application has been provided to leasehold interest owners in contiguous oil and gas leases or production units overlying the commingled pools (commingled formations).

Should you have any questions concerning this matter, please do not hesitate to call (303-350-5114)

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

Attachments as stated:

RECEIVED
MAY 04 2007
DIV. OF OIL, GAS & MINING

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

May 1, 2007

Dominion Exploration and Production, Inc
1415 Louisiana Street, Suite 2700
Houston, TX 77002

CERTIFIED MAIL

ARTICLE NO: 7006 2760 0001 4272 3923

Attention: Land Department

**RE: Commingling Application
Southam Canyon 10-25-11-6
552' FNL - 470' FWL (NWNW) Sec 6, 10S-25E
Uintah County, Utah**

Dear Leasehold Interest Owner:

Enduring Resources, LLC ("Enduring") has filed an application with the State of Utah Division of Oil, Gas, and Mining requesting approval of the Wasatch and Mesaverde formations (pools) in the above-referenced well to be commingled.

Ownership in both formations is the same. However, in the event allocation of production is necessary, that allocation will be based on proportionate net pay based on well logs. These formations (pools) shall be commingled in the well's well bore.

Attached is a map showing the location of wells on contiguous oil and gas leases and/or production units. Also attached is an affidavit confirming that this application has been provided to leasehold interest owners in contiguous oil and gas leases or production units overlying the commingled pools (commingled formations).

Should you have any questions concerning this matter, please do not hesitate to call (303-350-5114)

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

Attachments as stated:

RECEIVED

MAY 04 2007

DIV. OF OIL, GAS & MINING

ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500

Denver, Colorado 80202

Telephone: 303-573-1222

Facsimile: 303-573-0461

May 1, 2007

Rightor Energy, LLC
800 Commerce Road West, Suite 104
New Orleans, LA 70123

CERTIFIED MAIL

ARTICLE NO: 7006 2760 0001 4272 3916

Attention: Land Department

**RE: Commingling Application
Southam Canyon 10-25-11-6
552' FNL - 470' FWL (NWNW) Sec 6, 10S-25E
Uintah County, Utah**

Dear Leasehold Interest Owner:

Enduring Resources, LLC ("Enduring") has filed an application with the State of Utah Division of Oil, Gas, and Mining requesting approval of the Wasatch and Mesaverde formations (pools) in the above-referenced well to be commingled.

Ownership in both formations is the same. However, in the event allocation of production is necessary, that allocation will be based on proportionate net pay based on well logs. These formations (pools) shall be commingled in the well's well bore.

Attached is a map showing the location of wells on contiguous oil and gas leases and/or production units. Also attached is an affidavit confirming that this application has been provided to leasehold interest owners in contiguous oil and gas leases or production units overlying the commingled pools (commingled formations).

Should you have any questions concerning this matter, please do not hesitate to call (303-350-5114)

Very truly yours

ENDURING RESOURCES, LLC



Alvin R. (Al) Arlian
Landman – Regulatory Specialist

ara/

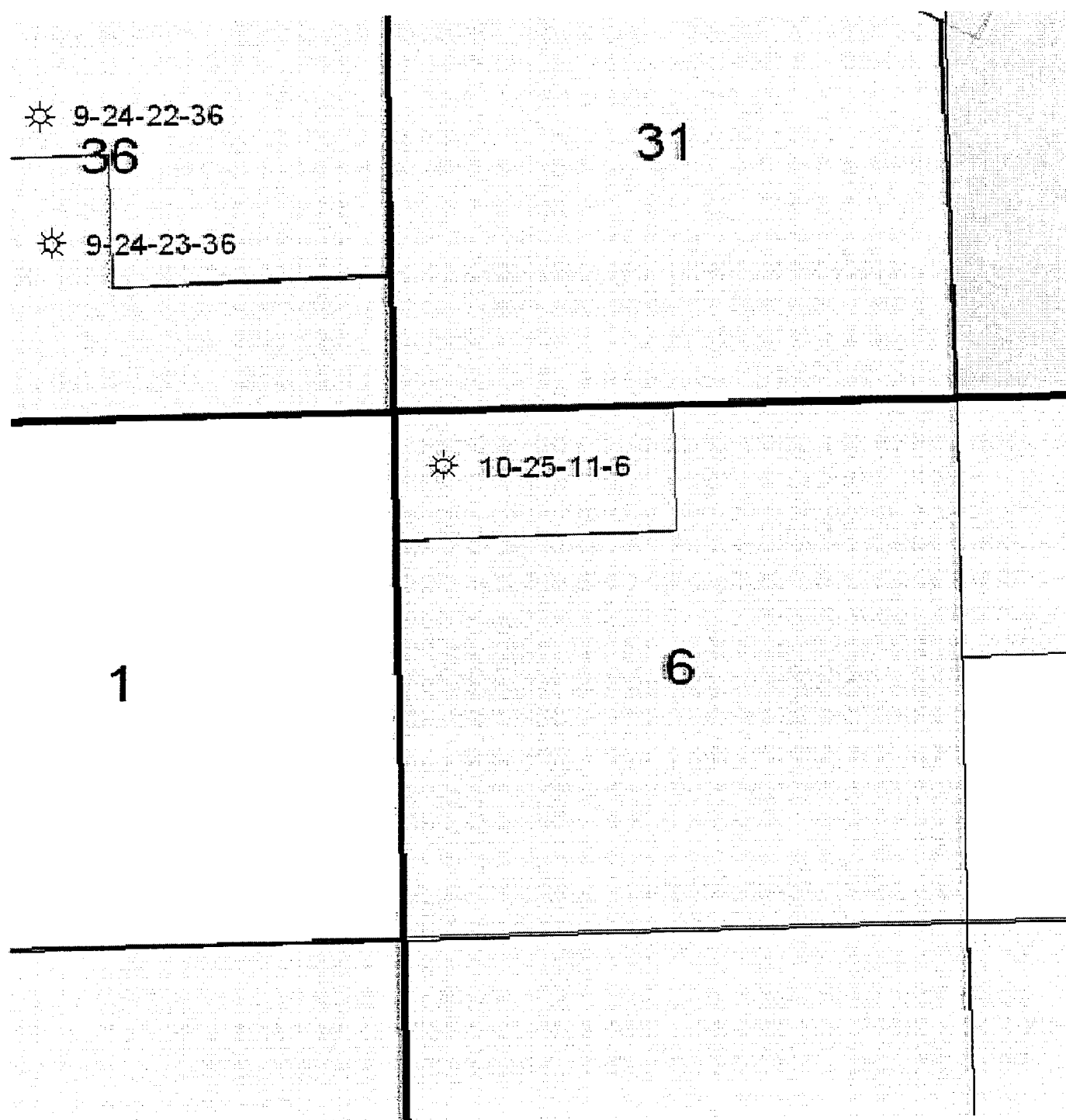
Attachments as stated:

RECEIVED

MAY 04 2007

DIV. OF OIL, GAS & MINING

MAP ATTACHED TO ENDURING RESOURCES, LLC COMMINGLING
APPLICATION FOR SOUTHAM CANYON 10-25-11-6 LOCATED IN THE NWNW
SEC. 6, T10S-R25E





JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 30, 2008

CERTIFIED MAIL NO.: 7004 2510 0004 1824 5834

Mr. Alvin Arlian
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, CO 80202

43 047 36933
Southam Cyn 10-25-11-6
10S 25E 6

Re: Extended Shut-in and Temporarily Abandoned Requirements for Wells on Fee or State Leases

Dear Mr. Arlian:

Enduring Resources, LLC has eighteen (18) Fee Lease Wells and eleven (11) Mineral Lease Wells (see attachment A) that are currently in non-compliance for extended shut-in and temporary abandonment (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

This is a second notice of non-compliance for wells 1 through 14 listed on Attachment A. The Division notified the previous operators, TCC Royalty, Ranken Energy, Mak-J Energy and Houston Exploration, on several occasions by certified mail about these wells non-compliance issues. Several plans to produce or plug were submitted, but no action has been taken to date on these wells. It has also come to the Divisions attention that Enduring no longer holds a valid lease for the DWR wells (wells 1 through 9 on Attachment A). Immediate action is required on these wells. The Division feels that sufficient time has passed to make a decision on these wells.

Please submit your plans to produce or plug these wells. If this is not addressed within 30 days, a Notice of Violation will be issued for these wells. A similar response is required for the other fifteen wells listed in Attachment A.

Page 2
Mr. Arlian
July 30, 2008

For extended SI/TA consideration the operator shall provide the Division with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3)

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions will be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

JP:js
Enclosure

cc: Compliance File
Well File
Jim Davis, SITLA

Attachment A

	Well Name	API	Lease Type	Years Inactive
1	DWR 12-23-13-22	4304733345	FEE	7 YEARS 6 MONTHS
2	DWR 12-23-34-16	4304733346	FEE	7 YEARS 3 MONTHS
3	DWR 12-23-41-21	4304733480	FEE	8 YEARS 1 MONTH
4	DWR 12-23-13-28	4304733481	FEE	7 YEARS 8 MONTHS
5	DWR 12-23-24-16	4304733482	FEE	8 YEARS 1 MONTH
6	DWR 12-23-24-28	4304733483	FEE	7 YEARS 8 MONTHS
7	DWR 12-23-31-21	4304733484	FEE	8 YEARS 2 MONTHS
8	DWR 12-23-42-29	4304733487	FEE	7 YEARS 11 MONTHS
9	DWR 12-23-44-16	4304733489	FEE	7 YEARS 8 MONTHS
10	QUEST 11-25-13-21	4304733935	FEE	4 YEARS 6 MONTHS
11	QUEST 11-25-24-10	4304734118	FEE	7 YEARS 0 MONTHS
12	QUEST 11-25-31-28	4304735310	FEE	4 YEARS 4 MONTHS
13	QUEST 11-25-34-21	4304735297	FEE	4 YEARS 4 MONTHS
14	QUEST 11-25-11-27	4304735298	FEE	4 YEARS 5 MONTHS
15	QUEST 11-25-14-22	4304735299	FEE	2 YEARS 9 MONTHS
16	HOSS 9-25-34-20	4304734756	ML-45558	2 YEARS 7 MONTHS
17	BONANZA 9-24-22-36	4304735860	ML-46527	2 YEARS 6 MONTHS
18	BONANZA 9-24-11-36	4304735861	ML-46527	1 YEAR 5 MONTHS
19	BONANZA 9-25-13-20	4304735929	ML-45558	2 YEARS 11 MONTHS
20	RAINBOW 11-24-31-16	4304736184	ML-47080	1 YEAR 1 MONTH
21	SOUTHAM CYN 10-25-21-32	4304736421	ML 47065	1 YEAR 10 MONTHS
22	AGENCY DRAW 12-21-31-36	4304736424	ML 47086	2 YEARS 1 MONTH
23	BONANZA 9-24-32-22	4304736753	FEE	2 YEARS 6 MONTHS
24	ARCHY BENCH 12-23-22-16	4304736800	ML-48957	2 YEARS 0 MONTHS
25	ARCHY BENCH 11-24-24-32	4304736819	ML-49762	1 YEAR 4 MONTHS
26	ASPHALT WASH 11-24-42-16	4304736875	ML47080	2 YEARS 2 MONTHS
27	SOUTHAM CYN 9-24-23-36	4304736880	FEE	1 YEARS 1 MONTH
28	SOUTHAM CYN 10-25-11-6	4304736933	FEE	1 YEAR 3 MONTHS
29	BUCK CYN 12-21-43-16	4304737091	ML-47085	2 YEARS 9 MONTHS

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.


1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE <input checked="" type="checkbox"/>
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
PHONE NUMBER: (303) 350-5114		8. WELL NAME and NUMBER: Southam Canyon 10-25-11-6
10. FIELD AND POOL, OR WILDCAT: Wildcat		

4. LOCATION OF WELL FOOTAGES AT SURFACE: 552' FNL - 470' FWL COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 6 10S 25E S STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: Pit Closed
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/31/2008			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

7-31-2008 Pit closure completed.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian	TITLE Landman - Regulatory Specialist
SIGNATURE 	DATE 7/31/2008

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FORM 9

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3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: 552' FNL - 470' FWL		8. WELL NAME and NUMBER: Southam Canyon 10-25-11-6
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 6 10S 25E S		9. API NUMBER: 4304736933
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

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TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Status Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring has perforated additional Wasatch zones at 3574-78', 3368-72', 3307-10', 3301-03', 3296-98', 3283-87' & 2971-73'.

These zones are scheduled to be broken down with acid on August 27, 2008.

The zones will then be swab tested.

COPY SENT TO OPERATOR

Date: 1.28.2009

Initials: KS

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE <u>[Signature]</u>	DATE <u>8/27/2008</u>

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 1/27/09

BY: [Signature]

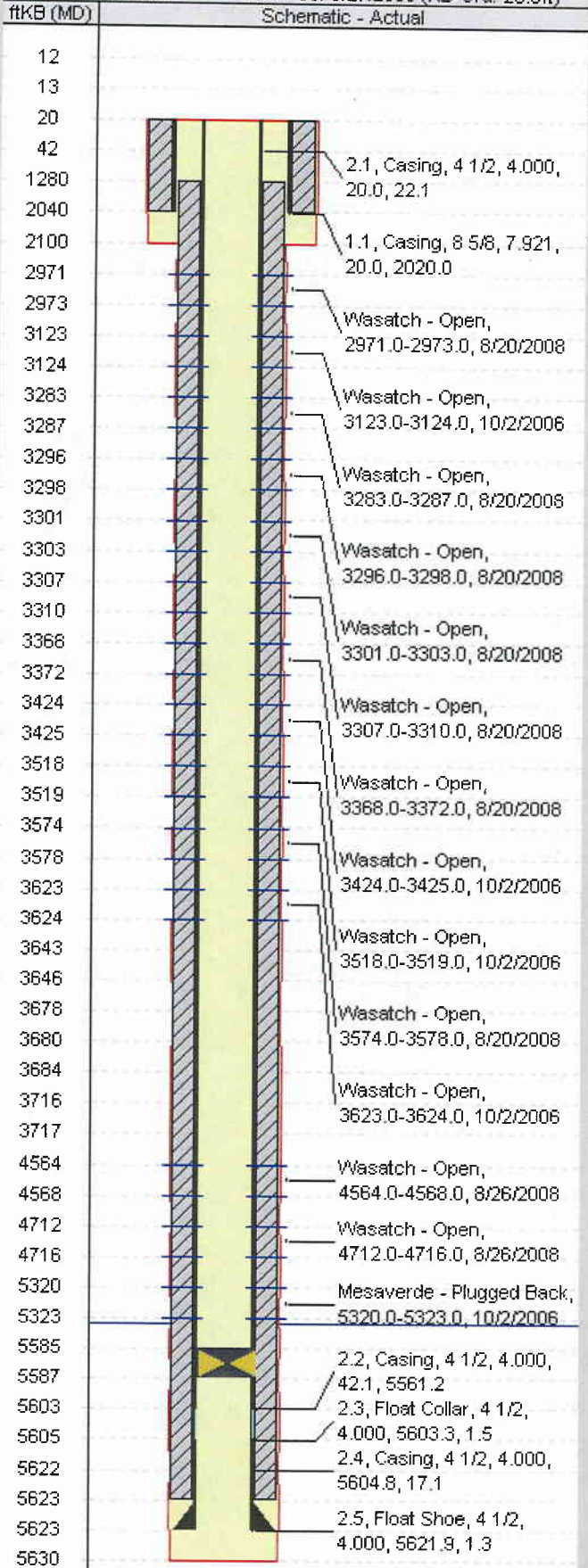
* Reperforations, Recompletions etc. must be approved prior to performing work in future

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SEP 04 2008

DIV. OF OIL, GAS & MINING

SOUTHAM CANYON 10-25-11-06: 8/27/2008 (KB-Grd: 20.0ft)



WellName										WellUserID	
SOUTHAM CANYON 10-25-11-06										UT0114.01	
APICode						County					
430473693300						UINTAH, UT					
Sec	Twn	Rge	Qtr1	Qtr2	Qtr3	XLoc	YLoc	Latitude	Longitude		
6	10S	25E		NW	NW						
470 Feet From			W Line			552 Feet From			N Line		
Engineer				Technician				Pumper			
Robert Tate								TR5,			
SpudDate		Comp Date		KB Height		TD Drill Dept		TD Log Dept		TVD	
7/20/2006				20		5630		0		0	

Casing

Date In	Casing Type	Hole Dia	Size	Wt	Grade	Depth	Jts	Ft
7/31/2006	Production	7.875	4.500	11.60	N-80	5623.12	33.0	5600.35
3/25/2006	3. Surface	12.250	8.625	32.00	J-55	2040.00	17.00	0.00

Tubing

Date In	Size	Wt	Grade	Cou OD	ID	Depth	Avg Jt	Intake
11/3/2006	2.375	4.7	J-55	3.063	1.995	3717	31.85	3680

Sucker Rods

Formations

Perforations

Upper	Lower	Formation	Date	Status	Gun Sz	Shot/Ft	Phasg
2971	2973	Wasatch	8/20/2008	Open	3 1/8"	3	120
3123	3124	Wasatch	10/2/2006	Open	3 1/8"	1.5	120
3283	3287	Wasatch	8/20/2008	Open	3 1/8"	3	120
3296	3298	Wasatch	8/20/2008	Open	3 1/8"	3	120
3301	3303	Wasatch	8/20/2008	Open	3 1/8"	3	120
3307	3310	Wasatch	8/20/2008	Open	3 1/8"	3	120
3368	3372	Wasatch	8/20/2008	Open	3 1/8"	3	120
3424	3425	Wasatch	10/2/2006	Open	3 1/8"	1.5	120
3518	3519	Wasatch	10/2/2006	Open	3 1/8"	1.5	120
3574	3578	Wasatch	8/20/2008	Open	3 1/8"	3	120
3623	3624	Wasatch	10/2/2006	Open	3 1/8"	1.5	120
4564	4568	Wasatch	8/26/2008	Open	3 1/8"	4	120
4712	4716	Wasatch	8/26/2008	Open	3 1/8"	4	120
5320	5323	Mesaverde	10/2/2006	Plugged Back	3 1/8"	4	0

STATE OF UTAH
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3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY: Denver STATE: CO ZIP: 80202	7. UNIT or CA AGREEMENT NAME: n/a
PHONE NUMBER: (303) 350-5114	8. WELL NAME and NUMBER: Southam Canyon 10-25-11-6
9. API NUMBER: 4304736933	10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 552' FNL - 470' FWL COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 6 10S 25E S STATE: UTAH

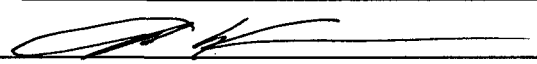
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	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/25/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Conformation of Commingling	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

11-6-2006 First Gas Sales.

Conformation that well was commingled in the Wasatch and Mesaverde formations "pools" in the initial completion attempt.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian	TITLE Landman - Regulatory Specialist
SIGNATURE 	DATE 9/25/2008

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DIVISION OF OIL, GAS AND MINING

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COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 6 10S 25E S		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 9/29/2008	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
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	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Some lower zones tested wet.

Testing to identify wet zones, will then isolate attempt to produce. See Morning report attached through 8-29-2008.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist
SIGNATURE [Signature] DATE 9/29/2008

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OCT 01 2008

**Enduring Resources, LLC**

475 17th St. - Suite 1500
Denver, CO 80202
(303) 573-1222

**WellWork AFE Chronological
Regulatory Report**

Well Name : SOUTHAM CANYON 10-25-11-06										
Prospect:					AFE #:		DV00024			
Sec/Twp/Rge:		6 / 10S / 25E			Operator:		during Resources, L			
API #:		430473693300	Field:		Utah		Supervisor:	Todd Farley		
Work Type:		Workover		County , St.:		UINTAH, UT		Phone:	435-828-5980	
Production Current/Expected		Oil:	0 / 0		Gas:		0 / 0		Water:	0 / 0

Wellwork Details

Date :	8/20/2008	Activity:	TOOH	Rig Name:	Basic Rig # 1629	Days :	1
Daily Report Summary :	pooh w/ production tbg found scale on bottom of tbg sample taken to Vernal field office.						
Daily Report Detail:	Remarks moved rig & equipment from Bonaza 9-24-11-7 to location miru laid pump & lines sitp 80 pei sicp 450 psi open well to production tank well flowed to production tank recovered @ 98 bbls fluid up csg. pressure tested tbg string to 1000 psi tested good unseated pump circ, gas from well to kill "pooh & laid down rod string (1 1/2" x 22' polish rod 2'-8' x 7/8" rod subs 47- 7/8" slick EL rods 92 -3/4" slick EL rods 4 - 1 1/2" K-bars & 1 1/2" pump" "x-over for tbg unset 4 1/2" tac n.u bops prepped for tbg" pooh w/ 114 jts tally of 3631.00' found heavy scale on bottom of tbg string starting @ 3320'sample was taken to Vernal Field Office "p.u 4 1/2" csg scrapper rih w/ 112 jts 2 3/8" tbg above eot @ 3261' well started to flow swifn."						
From 7:00 To 9:30	2.5 hrs	Category/Rmks:	Move In / Rig UP : moved rig & equipment from Bonaza 9-24-11-7 to location miru laid pump & lines sitp 80 pei sicp 450 psi open well to production tank				
From 9:30 To 10:30	1 hrs	Category/Rmks:	Flowback : well flowed to production tank recovered @ 98 bbls fluid up csg.				
From 10:30 To 11:30	1 hrs	Category/Rmks:	Kill Well : pressure tested tbg string to 1000 psi tested good unseated pump circ, gas from well to kill				
From 11:30 To 14:30	3 hrs	Category/Rmks:	TOOH : pooh & laid down rod string (1 1/2" x 22' polish rod 2'-8' x 7/8" rod subs 47-7/8" slick EL rods 92 -slick EL rods 4 - 1 1/2" K-bars & 1 1/2" pump				
From 14:30 To 16:00	1.5 hrs	Category/Rmks:	Nipple Up : x-over for tbg unset 4 1/2" tac n.u bops prepped for tbg				
From 16:00 To 17:30	1.5 hrs	Category/Rmks:	TOOH : pooh w/ 114 jts tally of 3631.00' found heavy scale on bottom of tbg string starting @ 3320'sample was taken to Vernal Field Office				
From 17:30 To 19:00	1.5 hrs	Category/Rmks:	Tripping : p.u 4 1/2" csg scrapper rih w/ 112 jts 2 3/8" tbg above eot @ 3261' well started to flow swifn.				

Well Name : SOUTHAM CANYON 10-25-11-06

Prospect:					AFE #:	DV00024			
Sec/Twp/Rge:	6 / 10S / 25E				Operator:	during Resources, L			
API #:	430473693300	Field:	Utah		Supervisor:	Todd Farley			
Work Type:	Workover	County , St.:	UINTAH, UT		Phone:	435-828-5980			
Production Current/Expected	Oil:	0 / 0		Gas:	0 / 0		Water:	0 / 0	

Date :	8/21/2008	Activity:	Perforate	Rig Name:	Basic Rig # 1629	Days :	2
Daily Report Summary :	rih w/ scrapper to tag fill @ 5228' tbg tally miru wire line tagged fill w/ gage ring @ 5214' set CIBP 5214' & perforated the following zones 3 spf as follows 3574'-78', 3368'-72', 3307'-10', 3301'-03', 3296'-98', 3283'-87' & 2971'-73' rih w/ miller tools to test zones from 3624' to 3574' please note well flowed hard while rih w/ tools.						
Daily Report Detail:	Remarks sitp 100 psi sicip 80 psi well would not bled off circ, gas from well w/ eot @ 3261' "rih Talley & p.u 50 jts 2 3/8" work string to tag bridge @ 5228' tbg tally" circ, hole clean tried to work tbg past bridge w/ no luck (no tbg swivel could not rotate tbg) pooh laid down 50 jts work string on trailer pooh w/ production tbg miru Lone Wolf wire line ran gage ring to tag @ 5214' rih set CIBP 5214' & perforated the following zones using 3 spf 3574'-78', 3368'-72', 3307'-10', 3301'-03', 3296'-98', 3283'-87' & 2971'-73' rdmo wire line. rih w/ Miller PKR RBP & PKR set RBP @ 3700' pooh set PKR @ 3534' r.u swab to test zones 3623'-24' & 3574'-78' initial fluid level @ 400' made 4 swab runs recovered 25 bbls fluid employee tagged seatting nipple & stuck swab line. fished stuck sand line from seatting nipple swifn						
From 7:00 To 7:45	.75 hr	Category/Rmks:	Kill Well : sitp 100 psi sicip 80 psi well would not bled off circ, gas from well w/ eot @ 3261'				
From 7:45 To 9:00	.25 hr	Category/Rmks:	Tripping : rih Talley & p.u 50 jts 2 3/8" work string to tag bridge @ 5228' tbg tally				
From 9:00 To 9:40	.67 hr	Category/Rmks:	Circulating : circ, hole clean tried to work tbg past bridge w/ no luck (no tbg swivel could not rotate tbg)				
From 9:40 To 11:00	.33 hr	Category/Rmks:	TOOH : pooh laid down 50 jts work string on trailer pooh w/ production tbg				
From 11:00 To 15:00	4 hrs	Category/Rmks:	Perforate : miru Lone Wolf wire line ran gage ring to tag @ 5214' rih set CIBP 5214' & perforated the following zones using 3 spf 3574'-78', 3368'-72', 3307'-10', 3301'-03', 3296'-98', 3283'-87' & 2971'-73' rdmo wire line.				
From 15:00 To 16:30	1.5 hrs	Category/Rmks:	TIH w/Packer : rih w/ Miller PKR RBP & PKR set RBP @ 3700' pooh set PKR @ 3534'				
From 16:30 To 18:00	1.5 hrs	Category/Rmks:	Swab Well : r.u swab to test zones 3623'-24' & 3574'-78' initial fluid level @ 400' made 4 swab runs recovered 25 bbls fluid employee tagged seatting nipple & stuck swab line.				
From 18:00 To 20:00	2 hrs	Category/Rmks:	Fishing : fished suck sand line from seatting nipple swifn				
Date :	8/22/2008	Activity:	Swabbing	Rig Name:	Basic Rig # 1629	Days :	3
Daily Report Summary :	Please note the following swab test on perfs (3574'-78' new) & (3623'-24' Cobra fraced) initial fluid level @ 100' fluid made 5 swab runs recovered @ 25.6 bbls fluid to drop fluid to @ 2000' on next run fluid was @ 1100' then 500' for rest on test & recovering heavy sand w/ very small trace of gas! Recovered @ 83 bbls fluid total today Wtr sample taken to Vernal Field Office.						
Daily Report Detail:	Remarks "p.u 1 jt 2 3/8" tbg reset pkr @ 3534' r.u swab to test perfs 3574'-78' & 3623'-24' w/ rbp set @ 3700" made 14 swab runs initial fluid level @ 100' recovered @ 83 bbls ending fluid level @ 500' please note fluid dropped to 2000' after 5 runs then came up to 500 and stayed unset pkr rih to tag fill @ 3655' r.u pump & circ, sand @ 45' of sand off rbp 3700' unset rbp pooh reset rbp @ 3550' pooh to set pkr @ 3415' pkr would not set pooh w/ eot @ 3020' sdfn						
From 9:30 To 10:20	.83 hr	Category/Rmks:	Set Packer : p.u 1 jt 2 3/8" tbg reset pkr @ 3534' r.u swab to test perfs 3574'-78' & 3623'-24' w/ rbp set @ 3700'				
From 10:20 To 13:45	.42 hr	Category/Rmks:	Swab Well : made 14 swab runs initial fluid level @ 100' recovered @ 83 bbls ending fluid level @ 500' please note fluid dropped to 2000' after 5 runs then came up to 500 and stayed				
From 13:45 To 15:20	.58 hr	Category/Rmks:	Circulating : unset pkr rih to tag fill @ 3655' r.u pump & circ, sand @ 45' of sand off rbp 3700' unset rbp				
From 15:20 To 18:00	.67 hr	Category/Rmks:	Set Packer : pooh reset rbp @ 3550' pooh to set pkr @ 3415' pkr would not set pooh w/ eot @ 3020' sdfn.				

Well Name : SOUTHAM CANYON 10-25-11-06

Prospect:		AFE #:	DV00024
Sec/Twp/Rge:	6 / 10S / 25E	Operator:	during Resources, L
API #:	430473693300	Field:	Utah
Work Type:	Workover	Supervisor:	Todd Farley
County, St.:	UINTAH, UT	Phone:	435-828-5980
Production Current/Expected	Oil: 0 / 0	Gas: 0 / 0	Water: 0 / 0

Date :	8/23/2008	Activity:	Flow/Swab	Rig Name:	Basic Rig # 1629	Days :	4
Daily Report Summary :	Test on Wasatch perfs 3424'-25' & 3518'-19' w/ pkr set @ 3415' rbp set @ 3550' made 7 swab runs recovered @ 25 bbls well started to flow at @ 25 bph flow tested well for 3 hours recovered @ 100 bbls total on test seen some gas but could not put well on choke do to well heading w/ wtr would have killed well wtr samples where taken at 25 bbls & 100 bbls & where taken in to Vernal Field Office for testing.						
Daily Report Detail:	-Remarks sitp 80 psi sicp 80 psi open well to rig tank tried to bled off well & reset pkr w/ no luck well started to flow harder pumped 50 bbls 10# brian wtr to kill well pooh w/ pkr p.u new pkr rih set pkr @ 3415' rbp set @ 3550' swab tested perfs 3425'-25' & 3518'-19' (old perfs) recovered 25 bbls fluid well started to flow "flowed well to production tank on full 2'" recovered @ 75 bbls fluid at @ 25 bbls per hour rate have recovered @ 100 bbls total from test r.d swab swifn."						
From 7:00 To 9:00	2 hrs	Category/Rmks:	Flowback : sitp 80 psi sicp 80 psi open well to rig tank tried to bled off well & reset pkr w/ no luck well started to flow harder				
From 9:00 To 9:30	0.5 hrs	Category/Rmks:	Kill Well : pumped 50 bbls 10# brian wtr to kill well				
From 9:30 To 12:30	3 hrs	Category/Rmks:	Tripping : pooh w/ pkr p.u new pkr rih set pkr @ 3415' rbp set @ 3550'				
From 12:30 To 13:35	.08 hr	Category/Rmks:	Swab Well : swab tested perfs 3425'-25' & 3518'-19' (old perfs) recovered 25 bbls fluid well started to flow				
From 13:35 To 17:30	.92 hr	Category/Rmks:	Flowback : flowed well to production tank on full 2" recovered @ 75 bbls fluid at @ 25 bbls per hour rate have recovered @ 100 bbls total from test r.d swab swifn.				
Date :	8/26/2008	Activity:	Testing	Rig Name:	Basic Rig # 1629	Days :	7
Daily Report Summary :	perfs 3424'-25' & 3518'-19' sip @ 400 psi well wasopen on 16/64" choke bled off in 4 min. flowed for 1 hour recovered wtr seen no gas ftp @ 20 psi tools moved new perfs from 3283' to 3372' where not broke down but was swab tested seen no gas or fluid entry tools where moved to top perfs from 2971'-73' new & 3123'-24' old & fraced where swab tested to dry tbq before well was shut in for night.						
Daily Report Detail:	Remarks "sitp 400 psi sicp 80 psi open tbq to production tank on 16/64"" choke to test Wasatch perfs 3424'-25' & 3518'-19' w/ Pkr set @ 3415' rbp set @ 3550' pressure bled off in 4 min. to 0 psi seen flow in 20 min. flowed well for @ one hour recovered @ 3.34 bbls at @ 20 psi" unset pkr rih tagged fill r.u pump circ, @ 4' of sand & shale off rbp pooh reset tools prepped to test r.u swab to test Wasatch perfs 3283'-87'- 3296'-98'- 3301'-03'- 3307'-10' & 3368'-72' (New Perfs) w/ Pkr set @ 3196' RBP set @ 3400' Perfs where not broke down before swab test. initial fluid level @ 500' made 9 runs total recovered 11.27 bbls fluid total Please note made 1 hourly run well was shut in seen no pressure build up & no fluid entry prepped to unset tools unset tools moved Rbp to @ 3400' Pkr to @ 2945' to swab test 2971'-73' (New) & 3123'-24' (old frac) made 5 runs recovered @ 8 bbls fluid to dry tbq made two 15 min runs recovered @ 100' of fluid on each run r.d swab sdfn						
From 7:00 To 8:30	1.5 hrs	Category/Rmks:	Flowback : sitp 400 psi sicp 80 psi open tbq to production tank on 16/64" choke to test Wasatch perfs 3424'-25' & 3518'-19' w/ Pkr set @ 3415' rbp set @ 3550' pressure bled off in 4 min. to 0 psi seen flow in 20 min. flowed well for @ one hour recovered @ 3.34 bbls at @ 20 psi				
From 8:30 To 10:00	1.5 hrs	Category/Rmks:	Circulating : unset pkr rih tagged fill r.u pump circ, @ 4' of sand & shale off rbp pooh reset tools prepped to test				
From 10:00 To 14:10	.17 hr	Category/Rmks:	Swab Well : r.u swab to test Wasatch perfs 3283'-87'- 3296'-98'- 3301'-03'- 3307'-10' & 3368'-72' (New Perfs) w/ Pkr set @ 3196' RBP set @ 3400' Perfs where not broke down before swab test. initial fluid level @ 500' made 9 runs total recovered 11.27 bbls fluid total Please note made 1 hourly run well was shut in seen no pressure build up & no fluid entry prepped to unset tools				
From 14:10 To 15:30	.33 hr	Category/Rmks:	Release Packer : unset tools moved Rbp to @ 3400' Pkr to @ 2945' to swab test 2971'-73' (New) & 3123'-24' (old frac)				
From 15:30 To 17:00	1.5 hrs	Category/Rmks:	Swab Well : made 5 runs recovered @ 8 bbls fluid to dry tbq made two 15 min runs recovered @ 100' of fluid on each run r.d swab sdfn.				

Well Name : SOUTHAM CANYON 10-25-11-06								
Prospect:					AFE #:		DV00024	
Sec/Twp/Rge:		6 / 10S / 25E			Operator:		during Resources, L	
API #:		430473693300	Field:		Utah		Supervisor:	Todd Farley
Work Type:		Workover	County , St.:		UINTAH, UT		Phone:	435-828-5980
Production Current/Expected		Oil:	0 / 0		Gas:		0 / 0	
					Water:		0 / 0	

Date :	8/27/2008	Activity:	Perforate	Rig Name:	Basic Rig # 1629	Days :	8
Daily Report Summary :		pooh w/ Miller tools perforated wasatch zones 4564'-68' & 4712'-16' rih w/ new Miller Tool string set tools to swab test new perfs before acid job					
Daily Report Detail:		-Remarks sitp 80 psi sicp 0 psi r.u swab to made fluid run on perfs 2971'-73' (new) & 3123'-24' (old fraced) perfs w/ PKR set @ 2945' RBP set @ 3150' initial fluid 2400' recovered @ 2 bbls fluid r.d swab unset Pkr rih unset Rbp pooh w/ Miller tools prepped to perforate miru Lone Wolf Wire to perforate the following Wasatch zones using 4 spf 4564'-68' & 4712'-16' seen no pressure after perforating well rdmo wire line p.u new Miller Tool string rih w/ 114 jts production tbg tallyed & p.u 35 jts to set RBP @ 4740' pooh set pkr @ 4536' r.u swab to test new perfs 4564'-16' & 4712'-16' initial fluid level @ 300' made 6 runs recovered 19.19 bbls to dry tbg seen gas cut fluid on last 3 swab runs r.d swab swifn.					
From 8:00 To 9:00	1 hrs	Category/Rmks:	Swab Well : sitp 80 psi sicp 0 psi r.u swab to made fluid run on perfs 2971'-73' (new) & 3123'-24' (old fraced) perfs w/ PKR set @ 2945' RBP set @ 3150' initial fluid 2400' recovered @ 2 bbls fluid r.d swab				
From 9:00 To 11:00	2 hrs	Category/Rmks:	Tripping : unset Pkr rih unset Rbp pooh w/ Miller tools prepped to perforate				
From 11:00 To 13:00	2 hrs	Category/Rmks:	Perforate : miru Lone Wolf Wire to perforate the following Wasatch zones using 4 spf 4564'-68' & 4712'-16' seen no pressure after perforating well rdmo wire line				
From 13:00 To 16:00	3 hrs	Category/Rmks:	Tripping : p.u new Miller Tool string rih w/ 114 jts production tbg tallyed & p.u 35 jts to set RBP @ 4740' pooh set pkr @ 4536'				
From 16:00 To 17:30	1.5 hrs	Category/Rmks:	Swab Well : r.u swab to test new perfs 4564'-16' & 4712'-16' initial fluid level @ 300' made 6 runs recovered 19.19 bbls to dry tbg seen gas cut fluid on last 3 swab runs r.d swab swifn.				
Date :	8/28/2008	Activity:	WO Equipment	Rig Name:	Basic Rig # 1629	Days :	9
Daily Report Summary :							
Daily Report Detail:		waiting on equipment to pump acid.					

Well Name : SOUTHAM CANYON 10-25-11-06

Prospect:					AFE #:	DV00024
Sec/Twp/Rge:	6 / 10S / 25E				Operator:	during Resources, L
API #:	430473693300	Field:	Utah		Supervisor:	Todd Farley
Work Type:	Workover	County , St.:	UINTAH, UT		Phone:	435-828-5980
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	8/29/2008	Activity:	Acidize	Rig Name:	Basic Rig # 1629	Days :	10
Daily Report Summary :		pumped acid in to perfs from 2971' to 3372' using Pkr & Rbp was reset below perfs & Pkr was reset above perfs csg was flushed before Pkr was reset.					
Daily Report Detail:		<p>Remarks</p> <p>"sitp 860 psi sicp 180 psi open tbg to production tank on 16/64" choke to test perfs 4564'-68' & 4712'-16' w/ Pkr set @ 4536' Rbp @ 4740' pressure bled to 0 psi in @ 40 min."</p> <p>r.u swab made one fluid run had @ 1000' fluid entry over last @ 37.5 hours r.d swab</p> <p>unset pkr rih unset Rbp pooh reset Rbp @ 3600' pooh to eot @ 3582'</p> <p>filled hole w/ @ 10 bbls pumped 168 gal 15% HCL acid down tbg to clean at @ 1.5 bpm circ, same out of well displacing 10# brine wtr to rig tank.</p> <p>rih unset Rbp pooh reset Rbp @ 3390' pooh to set Pkr @ 2988' to break perfs 2971'-73' down csg to correlate tbg to perfs</p> <p>correlated tbg to perfs at 2971'-73' & tested csg to @ 2500 psi tested good above perfs.</p> <p>rih to set Pkr @ 3252' Rbp @ 3390'</p> <p>r.u Frac Tech to acidize perfs 3368'-72' w/ Rbp set @ 3390' as follows spotted acid in tbg set pkr @ 3320' pumped 336 gal 15% HCL acid set pkr at @ 1 bpm pressured to break perfs at @ 2044 psi stepped injection rate to 2 bpm at @ 1815 psi 3 bpm at @ 2105 psi 3 bpm at @ 2105 psi ISDP @ 1720 psi NOTE 4 min sitp 1130 psi 5 min 253 psi bled off pressure moved tools Rbp reset @ 3332' to pump acid in to the following perfs 3296'-98' - 3301'-03' & 3307'- 10' reset pkr at @ 3290' pressured to break perfs at @ 1838 psi at 1 bpm injected @ 5 bbls wtr at @ 1710 psi seen no communication at surface unset Pkr spotted acid set Pkr @ 3290' pumped 672 gal 15% HCL acid at max rate of 6 bpm at 413 psi seen no break on perfs!!! ISDP 413 psi 5 min 391 psi</p> <p>unset tools pooh reset Rbp @ 2884' reset Pkr @ 2852' pressured tool string to test at @ 2500 psi unset tool rih reset Rbp 3290'</p> <p>r.u to pump acid in to perfs 3283'-87' w/ rbp set @ 3290' spotted acid in tbg reset Pkr @ 3258' pressured perfs to break at @ 2010 psi injected 336 gals 15% HCL acid at 1 bpm acid on perfs pressure at @ 1194 psi step rate acid in to perfs as follows 2 bpm at @ 1310 psi 4 bpm at 1011psi ISDP 827 psi 5 min 115 psi bled off pressure moved tools to reset Rbp @ 3258' spotted 252 gals 15% HCL acid in tbg reset pkr @ 2945' pressured perfs 2971'-73' to break at @ 1103 psi at 1 bpm acid on perfs @ 1080 psi stepped rate as follows 2 bpm at 1350 psi 3 bpm at @ 1610 psi 4 bpm at # 1930 psi 5 bpm at @ 2228 psi ISDP @ 1150 psi 5 min @ 988 psi 10 min @ 896 psi 15 min 850 psi bled off pressure</p> <p>unset Pkr & Rbp rih to reset Rbp @ 3390' pooh to reset Pkr</p> <p>r.u Frac Tech to csg & circ, csg clean using @ 35 bbls filtered LW reset Pkr @ 2945' swifn.</p>					
From 7:00 To 8:00	1 hrs	Category/Rmks:	Blow Down Tubing : sitp 860 psi sicp 180 psi open tbg to production tank on 16/64" choke to test perfs 4564'-68' & 4712'-16' w/ Pkr set @ 4536' Rbp @ 4740' pressure bled to 0 psi in @ 40 min.				
From 8:00 To 8:30	0.5 hrs	Category/Rmks:	Swab Well : r.u swab made one fluid run had @ 1000' fluid entry over last @ 37.5 hours r.d swab				
From 8:30 To 9:00	0.5 hrs	Category/Rmks:	Tripping : unset pkr rih unset Rbp pooh reset Rbp @ 3600' pooh to eot @ 3582'				
From 9:00 To 10:30	1.5 hrs	Category/Rmks:	Circulating : filled hole w/ @ 10 bbls pumped 168 gal 15% HCL acid down tbg to clean at @ 1.5 bpm circ, same out of well displacing 10# brine wtr to rig tank.				
From 10:30 To 11:05	.58 hr	Category/Rmks:	Tripping : rih unset Rbp pooh reset Rbp @ 3390' pooh to set Pkr @ 2988' to break perfs 2971'-73' down csg to correlate tbg to perfs				
From 11:05 To 12:30	.42 hr	Category/Rmks:	Break Down Perfs : correlated tbg to perfs at 2971'-73' & tested csg to @ 2500 psi tested good above perfs.				
From 12:30 To 12:45	.25 hr	Category/Rmks:	Tripping : rih to set Pkr @ 3252' Rbp @ 3390'				
From 12:45 To 14:50	.08 hr	Category/Rmks:	Acidize : r.u Frac Tech to acidize perfs 3368'-72' w/ Rbp set @ 3390' as follows spotted acid in tbg set pkr @ 3320' pumped 336 gal 15% HCL acid set pkr at @ 1 bpm pressured to break perfs at @ 2044 psi stepped injection rate to 2 bpm at @ 1815 psi 3 bpm at @ 2105 psi 3 bpm at @ 2105 psi ISDP @ 1720 psi NOTE 4 min sitp 1130 psi 5 min 253 psi bled off pressure moved tools Rbp reset @ 3332' to pump acid in to the following perfs 3296'-98' - 3301'-03' & 3307'- 10' reset pkr at @ 3290' pressured to break perfs at @ 1838 psi at 1 bpm injected @ 5 bbls wtr at @ 1710 psi seen no communication at surface unset Pkr spotted acid set Pkr @ 3290' pumped 672 gal 15% HCL acid at max rate of 6 bpm at 413 psi seen no break on perfs!!! ISDP 413 psi 5 min 391 psi				

Well Name : SOUTHAM CANYON 10-25-11-06

Prospect:		AFE #:	DV00024
Sec/Twp/Rge:	6 / 10S / 25E	Operator:	during Resources, L
API #:	430473693300	Field:	Utah
Work Type:	Workover	Supervisor:	Todd Farley
County, St.:	UINTAH, UT	Phone:	435-828-5980
Production Current/Expected	Oil: 0 / 0	Gas: 0 / 0	Water: 0 / 0

From 14:50 To 15:50	1 hrs	Category/Rmks:	TOOH : unset tools pooh reset Rbp @ 2884' reset Pkr @ 2852' pressured tool string to test at @ 2500 psi unset tool rih reset Rbp 3290'				
From 15:50 To 17:00	.17 hr	Category/Rmks:	Acidize : r.u to pump acid in to perfs 3283'-87' w/ rbp set @ 3290' spotted acid in tbg reset Pkr @ 3258' pressured perfs to break at @ 2010 psi injected 336 gals 15% HCL acid at 1 bpm acid on perfs pressure at @ 1194 psi step rate acid in to perfs as follows 2 bpm at @ 1310 psi 4 bpm at 1011psi ISDP 827 psi 5 min 115 psi bled off pressure moved tools to reset Rbp @ 3258' spotted 252 gals 15% HCL acid in tbg reset pkr @ 2945' pressured perfs 2971'-73' to break at @ 1103 psi at 1 bpm acid on perfs @ 1080 psi stepped rate as follows 2 bpm at 1350 psi 3 bpm at @ 1610 psi 4 bpm at # 1930 psi 5 bpm at @ 2228 psi ISDP @ 1150 psi 5 min @ 988 psi 10 min @ 896 psi 15 min 850 psi bled off pressure				
From 17:00 To 17:30	0.5 hrs	Category/Rmks:	Tripping : unset Pkr & Rbp rih to reset Rbp @ 3390' pooh to reset Pkr				
From 17:30 To 18:30	1 hrs	Category/Rmks:	Circulating : r.u Frac Tech to csg & circ, csg clean using @ 35 bbls filtered LW reset Pkr @ 2945' swifn.				
Date :	8/30/2008	Activity:	Flow/Swab	Rig Name:	Basic Rig # 1629	Days :	11
Daily Report Summary :							
Daily Report Detail:		Remarks					
		Sitp 210 psi sicp 0 psi open well to recover @ 120 bbls acid job load pumped in to Wasatch perfs from 2871' to 3372' w/ Pkr set @ 2945' & Rbp set @ 3390' recovered @ 20.87 bbls r.u swab initial fluid level surface made 5 swab runs recovered & 54.31 bbls well started to flow flowed well recovered @ 49.29 bbls have recovered 124.46 bbls of wtr PH 7 sitp 200 psi bled off well started to flow unset pkr circ, hole w/ 10# brian to kill well rih unset Rbp 3390' pooh w/ Miller Tools rih w/ production tbg landed on hanger n.d bops n.u well head tree r.d prepped & moved rig off location & moved to Rock House					
From 7:00 To 8:30	1.5 hrs	Category/Rmks:	Flowback : Sitp 210 psi sicp 0 psi open well to recover @ 120 bbls acid job load pumped in to wasatch perfs from 2871' to 3372' w/ Pkr set @ 2945' & Rbp set @ 3390' recovered @ 20.87 bbls				
From 8:30 To 9:40	.17 hr	Category/Rmks:	Swab Well : r.u swab initial fluid level surface made 5 swab runs recovered & 54.31 bbls well started to flow				
From 9:40 To 11:00	.33 hr	Category/Rmks:	Flowback : flowed well recovered @ 49.29 bbls have recovered 124.46 bbls of wtr PH 7				
From 11:00 To 11:40	.67 hr	Category/Rmks:	Well Shut In : sitp 200 psi bled off well started to flow				
From 11:40 To 12:10	0.5 hrs	Category/Rmks:	Kill Well : unset pkr circ, hole w/ 10# brian to kill well				
From 12:10 To 14:30	.33 hr	Category/Rmks:	Tripping : rih unset Rbp 3390' pooh w/ Miller Tools rih w/ production tbg landed on hanger				
From 14:30 To 15:30	1 hrs	Category/Rmks:	Nipple Down : n.d bops n.u well head tree				
From 15:30 To 16:30	1 hrs	Category/Rmks:	Rig Down : r.d prepped & moved rig off location to Rock House				

Casing

DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
3/25/2006	2040	47	3. Surface	8.625	32	J-55		12.25	2100
Stage: 1, Lead, 0, 230, 16% GEL 1/4# FLOWCELE, Class G, 3.82, 11 Stage: 1, Tail, 0, 250, 2% CACL2 1/4# FLOWCELE, Class G, 1.15, 15.8 Stage: 1, , 0, 120, 4% CACL2, Class G, 1.15, 15.8									
7/31/2006	5623.12	133	5. Production	4.5	11.6	N-80	0	7.875	5630
Stage: 1, Tail, 0, 1115, CEMENT#1G/2%GEL,0.6HALAD-322,0.2%SUPER CBL,5% SALT(BROWN),.25#FLOCELE/WEIFHT 14.25 P.P.G. /YIELD1.22/WATER5.23 GAL PER SACK/1,115 SACKS, Class G, 1.22, 14.25									

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
PHONE NUMBER: (303) 350-5114		8. WELL NAME and NUMBER: Southam Canyon 10-25-11-6
4. LOCATION OF WELL FOOTAGES AT SURFACE: 552' FNL - 470' FWL		9. API NUMBER: 4304736933
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 6 10S 25E S		10. FIELD AND POOL, OR WILDCAT: Wildcat
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/5/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Well Status Report	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Shut-in, waiting re-completion attempt review.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>1/5/2009</u>

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS


Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
PHONE NUMBER: (303) 350-5114		8. WELL NAME and NUMBER: Southam Canyon 10-25-11-6
4. LOCATION OF WELL FOOTAGES AT SURFACE: 552' FNL - 470' FWL		9. API NUMBER: 4304736933
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 6 10S 25E S		10. FIELD AND POOL, OR WILDCAT: Wildcat
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/30/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Status Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Shut-in, waiting re-completion attempt review for next summer

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>1/30/2009</u>

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

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2. NAME OF OPERATOR:
Enduring Resources, LLC

3. ADDRESS OF OPERATOR:
475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 350-5114

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 552' FNL - 470' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 6 10S 25E S

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
n/a

7. UNIT or CA AGREEMENT NAME:
n/a

8. WELL NAME and NUMBER:
Southam Canyon 10-25-11-6

9. API NUMBER:
4304736933

10. FIELD AND POOL, OR WILDCAT:
Wildcat

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/1/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Well Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MONTHLY WELL STATUS REPORT:

This well shall continue to be shut-in for the month of April, 2009.

1. Enduring is preparing an "Action Plan" for this and other shut-in wells.
2. By May 1, 2009, the Action Plan is to be submitted for the approval of the DOG&M.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE

DATE 3/30/2009

(This space for State use only)

RECEIVED

APR 02 2009

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: Enduring Resources, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 , Denver, CO, 80202		8. WELL NAME and NUMBER: SOUTHAM CYN 10-25-11-6
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0552 FNL 0470 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 06 Township: 10.0S Range: 25.0E Meridian: S		9. API NUMBER: 43047369330000
PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/29/2009	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: Monthly Status Report	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5-29-2009 Pursuant to an Action Plan submitted to DOG&M May-2009, this well shall continue to be shut-in while six other wells are being plugged commencing June-2009.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 01, 2009		
NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 5/29/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: Enduring Resources, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 , Denver, CO, 80202		8. WELL NAME and NUMBER: SOUTHAM CYN 10-25-11-6
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0552 FNL 0470 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 06 Township: 10.0S Range: 25.0E Meridian: S		9. API NUMBER: 43047369330000
PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/30/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
	OTHER: Monthly Status Report	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 6-30-2009 Pursuant to an Action Plan submitted to and approved by the DOG&M in May-2009, this well shall continue to be shut-in while six other wells are being plugged commencing June-2009.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 30, 2009		
NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 6/30/2009	



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1610

Mr. John Conley
Enduring Resources, LLC
511 16TH Street STE 700
Denver, CO 80202

43 047 36933
Southern Lyn 10-25-11-6
4 IDS 25E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Conley:

As of April 2014, Enduring Resources, LLC (Enduring) has twenty (20) State Lease Wells and six (6) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Four (4) wells in 2013 and seven (7) wells in 2014 were added to Enduring's SI/TA list.

Several of these wells (attachment A) have previously been issued notices of non-compliance and have remained in non-compliance. The Division has worked with Enduring to reduce the immense amount of wells that were in non-compliance. In 2010 Enduring provided the Division with a list of wells to be plugged (attachment A), and the Division recognizes that Enduring most recently plugged a number of wells in 2012. However in 2013 only two wells were plugged while four (4) additional wells were added, while nothing has been done in 2014 on any of the wells. Enduring never submitted plugging procedures for the remaining wells listed to be plugged and therefore has not followed through with these plans to bring these wells or any other wells into compliance.

Enduring shall immediately submit plans and timeframes for each well stating which wells will be plugged, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.

September 4, 2014

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

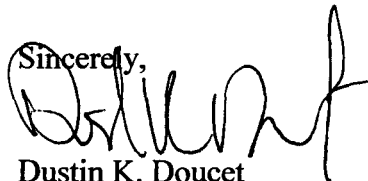
1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File

LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Prior Notice	Proposed PA
1	AGENCY DRAW 12-21-31-36	43-047-36424	ML 47086	7 years 10 months	1 ST NOTICE	12/31/2014
2	ASPHALT WASH 11-24-42-16	43-047-36875	ML 47080	7 years 11 months	1 ST NOTICE	12/31/2014
3	ARCHY BENCH 11-24-24-32	43-047-36819	ML 49762	7 years 1 month	1 ST NOTICE	12/31/2012
4	SOUTHAM CYN 10-25-11-6	43-047-36933	FEE	7 years	1 ST NOTICE	12/31/2012
5	N HORSESHOE 3-13-6-21	43-047-37391	ML 49317	5 years 6 months	2 ND NOTICE	Extension valid to 9/1/2014
6	BUCK CAMP 12-22-21-2	43-047-37656	ML 47087	6 years 8 months	1 ST NOTICE	12/31/2014
7	DWR 12-23-13-21	43-047-33344	FEE	6 years		12/31/2014
8	DWR 12-23-31-21	43-047-33484	FEE	5 years 4 months	1 ST NOTICE	12/31/2013
9	ARCHY BENCH 12-23-42-16	43-047-36802	ML 48957	6 years 1 month		12/31/2014
10	ARCHY BENCH 11-24-12-32	43-047-36822	ML 49762	5 years 5 months		12/31/2013
11	ROCK HOUSE 10-22-33-36	43-047-37789	ML 49959	5 years 5 months		12/31/2014
12	HANGING ROCK 11-23-24-36	43-047-38278	ML 50085	5 years 3 months		5/18/2012
13	N WALKER HOLLOW 2-32-6-23	43-047-37399	ML 47777	4 years 7 months	1 ST NOTICE	
14	BUCK CAMP 12-22-31-2	43-047-36273	ML-47087	3 years 6 months		
15	SOUTHAM CYN 9-24-13-36	43-047-38910	FEE	3 years 9 months		
16	DWR 12-23-12-28	43-047-33343	FEE	2 years 6 months		
17	BONANZA 9-24-11-16	43-047-35622	ML-46526	2 years 6 months		
18	ROCK HOUSE 10-22-32-36	43-047-36409	ML-47061	2 years 5 months		
19	BUCK CYN 12-21-43-16	43-047-37091	ML-47085	2 years 6 months		
20	BUCK CAMP 11-22-11-36	43-047-36277	ML-47077	2 years 1 month		
21	HANGING ROCK 11-23-42-36	43-047-38280	ML-50085	2 years 2 months		
22	HANGING ROCK 11-23-43-36	43-047-38282	ML-50085	1 years 5 months		
23	ROCK HOUSE 10-22-21-36	43-047-36407	ML-47061	2 years 2 months		
24	ROCK HOUSE 10-23-21-30	43-047-37832	FEE	2 years 3 months		
25	SOUTHMAN CYN 9-23-21-36	43-047-36530	ML-47782	2 years		
26	SOUTHMAN CYN 9-23-33-36	43-047-35363	ML-47782	1 year 9 months		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: SOUTHAM CYN 10-25-11-6	
2. NAME OF OPERATOR: Enduring Resources, LLC	9. API NUMBER: 43047369330000	
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	PHONE NUMBER: 303 350-5114 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0552 FNL 0470 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 06 Township: 10.0S Range: 25.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/1/2015	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Revised plugging proposal attached for approval.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: May 18, 2015

By: *Derek Dunt*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Travis Whitham	PHONE NUMBER 303 350-5716	TITLE Landman
SIGNATURE N/A		DATE 4/22/2015



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047369330000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure they are at the depths specified in the procedure.**
- 3. All annuli shall be cemented from a minimum depth of 200' to the surface.**
- 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

Wellbore Diagram

r263

API Well No: 43-047-36933-00-00 Permit No: Well Name/No: SOUTHAM CYN 10-25-11-6
Company Name: ENDURING RESOURCES, LLC
Location: Sec: 6 T: 10S R: 25E Spot: NWN
Coordinates: X: 657830 Y: 4427569
Field Name: UNDESIGNATED
County Name: Uintah

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (g/cc)
HOL1	40	20			
COND	40	14			
HOL2	2040	12.25			
SURF	2040	8.625	32	2040	2.922
HOL3	5623	7.875			
PROD	5623	4.5	11.6	5623	11.459
TI	3717	2.375			
CIBP	5214				

Cement from 40 ft. to surface

Conductor: 14 in. @ 40 ft.

Hole: 20 in. @ 40 ft.

Plug #5

100' ± GRW

200' OUT 200' / (1.15) (11.459) = 155X

200' OUT 200' / (1.15) (4.315) = 40X

555X reqd. if placement to surf

7 7/8" X 4 1/2" (108)

8 5/8" X 4 1/2"

3.3465

4.315

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	40	0		
PROD	5623	1280	G	1115
SURF	2040	0	G	600

Cement from 2040 ft. to surface

Surface: 8.625 in. @ 2040 ft.

Hole: 12.25 in. @ 2040 ft.

Plug #4

2060' ± BMSW

2140'

2466' WSTC

2793'

CIBP @ 2923'

2971'

3557' MVRD

3574'

4370'

CIBP @ 4500'

4564'

4716'

5084'

CIBP @ 5214'

5320'

5323'

Production: 4.5 in. @ 5623 ft.

Hole: 7.875 in. @ 5623 ft.

Hole: Unknown

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
2971	3574			
4564	4716			
5320	5323			

Formation Information

Formation	Depth
GRRV	506
BMSW	2060
WSTC	2466
MVRD	3557

water @ 1610'

TD: 5630 TVD: 5630 PBTD: 5603

Wellbore Diagram

r263

API Well No: 43-047-36933-00-00 Permit No:

Well Name/No: SOUTHAM CYN 10-25-11-6

Company Name: ENDURING RESOURCES, LLC

Location: Sec: 6 T: 10S R: 25E Spot: NWNW

Coordinates: X: 657830 Y: 4427569

Field Name: UNDESIGNATED

County Name: Uintah

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (g/cc)
HOL1	40	20			
COND	40	14			
HOL2	2040	12.25			
SURF	2040	8.625	32	2040	2.922
HOL3	5623	7.875			
PROD	5623	4.5	11.6	5623	11.459
TI	3717	2.375			
CIBP	5214				

Cement from 40 ft. to surface

Conductor: 14 in. @ 40 ft.

Hole: 20 in. @ 40 ft.

Plug #5

$$14 \times 200' / (1.15) (11.459) = 155x$$

$$200' \text{ OUT } 200' / (1.15) (4.315) = 40x$$

555x reqd. if placement to surf

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	40	0		
PROD	5623	1280	G	1115
SURF	2040	0	G	600

Cement from 2040 ft. to surface

Surface: 8.625 in. @ 2040 ft.

Hole: 12.25 in. @ 2040 ft.

Plug #4

$$(200x) (1.15) (11.459) = 260'$$

$$TOC @ \pm 1880'$$

Propose to 1940' ✓ OK.

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
2971	3574			
4564	4716			
5320	5323			

Cement from 5623 ft. to 1280 ft.

Tubing: 2.375 in. @ 3717 ft.

Plug #2

$$105x = 130'$$

$$TOC = 4370'$$

Formation Information

Formation	Depth
GRRV	506
BMSW	2060
WSTC	2466
MVRD	3557

Production: 4.5 in. @ 5623 ft.

Hole: 7.875 in. @ 5623 ft.

Hole: Unknown

TD: 5630 TVD: 5630 PBTD: 5603

Operator: Enduring Resources
Well Name: Southam Canyon #10-25-11-06
legals: NWNW 6, T10S, R25E
location: Uintah County, Utah
API: 43-047-36933

PLUG AND ABANDONMENT

Surface: 8 5/8 32# J-55 Hole size: 11 TOC: surface
Production: 4½", 11.6, N-80 Hole size: 7 7/8 TOC: 1280' (CBL)
Tubing: 2 3/8 4.7#, J-55 EOT: 2694'
Perforations: 2971-73, 3283-87, 3296-98, 3301-03, 3307-10, 3368-72, 3574-78,
4564-68, 4712-16
PBSD: 5214'
TO: 5630'

1. Conduct pre-job safety meeting and complete daily JSA
2. Prior to MIRU, check rig anchors and blow down well if necessary
3. Dig out around wellhead and check surface annulus for pressure, if present call for orders.
4. MIRU P&A equipment, ND wellhead, NU BOP
5. PU workstring and TIH, tag CIBP @ 5214'
6. Pump 10 sacks cement on top of CIBP (10 sacks is 130' inside 4 Yz)
7. TOH tubing and tally
8. PU 4½" casing scraper and TIH to 4550', TOH LD scraper
9. PU 4½" CIBP and TIH, set @ 4500' (64' above perfs)
10. Pump 10 sacks on top of CIBP (10 sacks is 130' inside 4½")
11. PU 4½" CIBP and TIH and set @ 2923' (50' above top perfs)
12. Pump 10 sacks on top of CIBP (10 sacks is 130' inside 4½")
13. TOH 10 joints
14. Roll hole with 40 bbls water with corrosion inhibitor
15. Pressure test casing to 500 psi for 15 minutes. If pressure doesn't hold, call for orders.
16. TIH tubing to 2200'
17. Pump 20 sacks cement from 2140' to 1940' (100' inside surface casing)
18. TOH WOC
19. TIH and tag TOC @ 1940' TOH
20. ND BOP
21. TIH to 200', circulate 30 sacks cement to surface. TOH
22. RDMO
23. Dig up wellhead and cut off, top annulus with 1" side string
24. Weld on information plate and backfill, clean up location